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OM nucleic - nucleic search, using sw model

Run on: September 19, 2005, 22:51:55 ; Search time 91:333 Seconds
(without alignments)
376.224 Million cell updates/sec

Title: US-10-809-757-1

Perfect score: 21

Sequence: 1 gtttgtcacagaaaggcc 21

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0\$

Maximum Match 100\$

Listing first 45 summaries

Issued Patents NA:*

1: /ccn2_6/pctodata/1/ina/5A_COMB.seq:*

2: /ccn2_6/pctodata/1/ina/5B_COMB.seq:*

3: /ccn2_6/pctodata/1/ina/6A_COMB.seq:*

4: /ccn2_6/pctodata/1/ina/6B_COMB.seq:*

5: /ccn2_6/pctodata/1/ina/BCTUS_COMB.seq:*

6: /sgn2_6/pctodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB	ID	Description
1	19.4	92.4	2726	1	US-08-461-823-1		Sequence 1, Appli
2	19.4	92.4	4186	4	US-09-672-810-1		Sequence 1, Appli
3	19.4	92.4	4195	4	US-09-672-810-3		Sequence 1, Appli
4	19.4	92.4	4646	1	US-08-181-471-2		Sequence 2, Appli
5	19.4	92.4	4666	4	US-09-023-655-1167		Sequence 1167, Appli
6	19.4	92.4	4669	2	US-08-583-276-18		Sequence 18, Appli
7	19.4	92.4	4669	2	US-08-752-447-1		Sequence 1, Appli
8	19.4	92.4	4669	3	US-09-316-167-1		Sequence 1, Appli
9	19.4	92.4	4669	4	US-09-397-233-1		Sequence 1, Appli
10	19.4	92.4	4669	6	5206352-3		Patent No. 5206352
11	19.4	92.4	4669	6	5206352-3		Patent No. 5206352
12	19.4	92.4	6505	2	US-08-793-610-5		Sequence 5, Appli
13	19.4	92.4	8650	4	US-09-306-417-1		Sequence 1, Appli
14	19.4	92.4	8650	4	US-09-306-417-2		Sequence 2, Appli
15	19.4	92.4	9318	2	US-08-793-610-6		Sequence 6, Appli
16	18.4	87.6	3988	4	US-09-762-195-1		Sequence 1, Appli
17	18.4	87.6	4264	2	US-08-784-649A-1		Sequence 1, Appli
18	18.4	87.6	4264	2	US-08-784-649A-5		Sequence 5, Appli
19	16.8	80.0	315	4	US-09-248-798A-7498		Sequence 7498, Appli
20	16.8	80.0	2510	4	US-09-949-016-3560		Sequence 3660, Appli
21	16.8	80.0	152070	4	US-09-949-016-15402		Sequence 15402, Appli
c 22	16.8	80.0	229354	4	US-09-705-400-64		Sequence 64, Appli
c 23	16.8	80.0	260286	4	US-09-949-016-17037		Sequence 17037, Appli
c 24	16.8	80.0	260393	4	US-09-949-016-12106		Sequence 12106, Appli
c 25	16.4	78.1	517	3	US-09-495-050A-196		Sequence 196, Appli
c 26	16.4	78.1	517	3	US-09-276-531-13		Sequence 13, Appli
	16.2	77.1	1180	3	US-08-977-865-1		Sequence 135365,

ALIGNMENTS

RESULT 1
US-08-461-823-1

; Sequence 1, Application US/08461823

; Patent No. 5593840

; GENERAL INFORMATION:

; APPLICANT: Bhavnagar, Satish K.

; APPLICANT: George Jr., Albert L.

; APPLICANT: Nazarenko, Irina

; TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACID SEQUENCES

; NUMBER OF SEQUENCES: 27

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: OncorPharm, Inc.

; STREET: 200 Perry Parkway

; CITY: Gaithersburg

; STATE: Maryland

; COUNTRY: USA

; ZIP: 20877

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/461,823

; FILING DATE: 05-JUN-1995

; CLASSIFICATION: 435

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: US 08/168,621

; APPLICATION NUMBER: US 08/168,621

; FILING DATE: 16-DEC-1993

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: US 08/010,433

; FILING DATE: 27-JAN-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: Kart, Glenn E.

; REGISTRATION NUMBER: 30-649

; REFERENCE/DOCKET NUMBER: PA-0012 CIP 2

; TELECOMMUNICATION INFORMATION:

; LENGTH: 2726 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: double

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

US-08-461-823-1

Query Match 92.4%; Score 19.4; DB 1; Length 2726;
 Best Local Similarity 95.2%; Pred. No. 6.9; Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GGGTGTACAGGAAGGGTC 21
 Db 1919 GGGTGTACAGGAAGAGTC 1939

RESULT 2
 US-09-672-810-1
 ; Sequence 1, Application US/09672810
 ; Patent No. 6617450
 ; GENERAL INFORMATION:
 ; APPLICANT: STOCKER, PENNY J.
 ; APPLICANT: STEIMEL-CRESPI, DOROTHY T.
 ; APPLICANT: CRESPI, CHARLES L.
 ; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
 ; FILE REFERENCE: G0307/7018
 ; CURRENT APPLICATION NUMBER: US/09/672,810
 ; CURRENT FILING DATE: 2000-09-28
 ; PRIOR APPLICATION NUMBER: US 60/156,921
 ; PRIOR FILING DATE: 1999-09-28
 ; PRIOR APPLICATION NUMBER: US 60/158,818
 ; PRIOR FILING DATE: 1999-10-12
 ; NUMBER OF SEQ ID NOS: 18
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 1
 ; LENGTH: 4186
 ; TYPE: DNA
 ; FEATURE: Macaca fascicularis
 ; NAME/KEY: CDS
 ; LOCATION: (100) ... (3940)

Query Match 92.4%; Score 19.4; DB 4; Length 4186;
 Best Local Similarity 95.2%; Pred. No. 7.4; Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GGGTGTACAGGAAGGGTC 21
 Db 3514 GGGTGTACAGGAAGAGTC 3534

RESULT 3
 US-09-672-810-3
 ; Sequence 3, Application US/09672810
 ; Patent No. 6617450
 ; GENERAL INFORMATION:
 ; APPLICANT: STOCKER, PENNY J.
 ; APPLICANT: STEIMEL-CRESPI, DOROTHY T.
 ; APPLICANT: CRESPI, CHARLES L.
 ; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
 ; FILE REFERENCE: G0307/7018
 ; CURRENT APPLICATION NUMBER: US/09/672,810
 ; CURRENT FILING DATE: 2000-09-28
 ; PRIOR APPLICATION NUMBER: US 60/156,921
 ; PRIOR FILING DATE: 1999-09-28
 ; PRIOR APPLICATION NUMBER: US 60/158,818
 ; PRIOR FILING DATE: 1999-10-12
 ; NUMBER OF SEQ ID NOS: 18
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 3
 ; LENGTH: 4195
 ; TYPE: DNA
 ; FEATURE: Macaca fascicularis
 ; NAME/KEY: CDS
 ; LOCATION: (100) ... (3949)

Query Match 92.4%; Score 19.4; DB 4; Length 4195;
 Best Local Similarity 95.2%; Pred. No. 7.4; Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GGGTGTACAGGAAGGGTC 21
 Db 3839 GGGTGTACAGGAAGAGTC 3859

RESULT 4
 US-08-181-471-2
 ; Sequence 2, Application US/08181471
 ; Patent No. 5641508
 ; GENERAL INFORMATION:
 ; APPLICANT: Li, Lingna
 ; APPLICANT: Lishko, Valeryi K.
 ; TITLE OF INVENTION: METHOD FOR DELIVERING BENEFICIAL COMPOSITIONS TO HAIR FOLLICLES
 ; NUMBER OF SEQUENCES: 3
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Thomas Fitting
 ; STREET: 11256 High Bluff Drive, Suite 300
 ; CITY: San Diego
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 92130
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/181,471
 ; FILING DATE: 13-JAN-1994
 ; CLASSIFICATION: 424
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/041,553
 ; FILING DATE: 02-APR-1993
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Fitting, Thomas
 ; REGISTRATION NUMBER: 34,163
 ; REFERENCE/DOCKET NUMBER: ANT0029P
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 619-792-3680
 ; TELEFAX: 619-792-8477
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 4646 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; MOLECULE TYPE: cDNA
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: NO
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: 425..4267
 ; US-08-181-471-2

Query Match 92.4%; Score 19.4; DB 1; Length 4646;
 Best Local Similarity 95.2%; Pred. No. 7.5; Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GGGTGTACAGGAAGGGTC 21
 Db 3839 GGGTGTACAGGAAGAGTC 3859

RESULT 5
 US-09-023-655-1167
 ; Sequence 1167, Application US/09023655
 ; Patent No. 6607879
 ; GENERAL INFORMATION:
 ; APPLICANT: Cocks, Benjamin G.

APPLICANT: Susan G. Stuart
 APPLICANT: Jeffrey J. Seilhamer
 TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
 NUMBER OF SEQUENCES: 1508
 CURRENT APPLICATION DATA:
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 STREET: 3174 PORTER DRIVE
 CITY: PALO ALTO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94304

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/023,655
 FILING DATE: HEREDITH
 CLASSIFICATION: DATA:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Zeller, Karen J.
 REGISTRATION NUMBER: 37,071
 REFERENCE/DOCKET NUMBER: PA-0001 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 855-0555
 TELEFAX: (650) 845-4166
 INFORMATION FOR SEQ ID NO: 1167:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 4646 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: GENBANK
 CLOLNE: 9187468
 US-09-023-655-1167

Query Match 92.4%; Score 19.4%; DB 4; Length 4646;
 Best Local Similarity 95.2%; Pred. No. 7.5;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTCACAGGAGGGTC 21
 Db 3839 GTGGTCACAGGAGGATC 3859

RESULT 6
 US-08-583-276-18
 Sequence 18, Application US/08583276
 Patent No. 5337536

GENERAL INFORMATION:
 APPLICANT: McDonagh, Kevin T.
 APPLICANT: Nienhuis, Arthur
 APPLICANT: Tolstoshev, Paul
 TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
 MULTIDRUG RESISTANCE GENES AND IMPROVED
 TITLE OF INVENTION: SELECTION OF CELLS TRANSDUCED WITH SUCH GENES
 NUMBER OF SEQUENCES: 19
 CURRENT APPLICATION DATA:
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
 ADDRESS: Cecchi & Stewart
 STREET: 6 Becker Farm Road
 CITY: Roseland
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07068

COMPUTER READABLE FORM:

APPLICANT: 3.5 inch diskette
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: PC-DOS
 SOFTWARE: DNA.V2
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/583,276
 FILING DATE: 05-JAN-1996
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/332,444
 FILING DATE: 31-OCT-1994
 APPLICATION NUMBER: 07/887,712
 FILING DATE: 22-MAY-1992
 INFORMATION FOR SEQ ID NO: 18:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 4669 bases
 TYPE: nucleic acid
 STRANDEDNESS: singular
 TOPOLOGY: linear
 MOLECULE TYPE:
 DESCRIPTION: Genomic DNA
 US-08-583-276-18

Query Match 92.4%; Score 19.4%; DB 2; Length 4669;
 Best Local Similarity 95.2%; Pred. No. 7.5;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTCACAGGAGGGTC 21
 Db 3839 GTGGTCACAGGAGGATC 3859

RESULT 7
 US-08-752-447-1
 Sequence 1, Application US/08752447
 Patent No. 5994038

GENERAL INFORMATION:
 APPLICANT: Mehetner, Eugene
 APPLICANT: Roninson, Igor B
 TITLE OF INVENTION: Methods and Reagents for Preparing and
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff Ltd.
 STREET: 300 South Wacker Drive, Seventh Floor
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/752,447
 FILING DATE: 15-NOV-1996
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 5994088nan, Kevin E
 REGISTRATION NUMBER: 35,303
 REFERENCE/DOCKET NUMBER: 95,1121
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-913-0001
 TELEFAX: 312-913-9808
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 4669 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: singular
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:

NAME/KEY: 5'UTR
 LOCATION: 1..124
 FEATURE: CDS
 NAME/KEY: CDS
 LOCATION: 425 ..4264
 FEATURE: CDS
 NAME/KEY: 3'UTR
 LOCATION: 4265 ..4669
 US-08-752-447-1

Query Match 92.4%; Score 19.4; DB 3; Length 4669;
 Best Local Similarity 95.2%; Pred. No. 7.5;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

NAME/KEY: CDS
 LOCATION: 425 ..4264
 NAME/KEY: 3'UTR
 LOCATION: 4265 ..4669

Qy 1 GGGTGTACAGGAAGGTC 21
 Db 3839 GGGTGTACAGGAAGGATC 3859

RESULT 8
 US-09-316-167-1
 Sequence 1, Application US/09316167
 Patent No. 636357
 GENERAL INFORMATION:
 APPLICANT: Mechettner, Eugene B
 TITLE OF INVENTION: Methods and Reagents for Preparing and Using Immunological Agents Specific for P-glycoprotein
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESS: McDonnell Boehnen Hulbert & Berghoff Ltd.
 STREET: 300 South Wacker Drive, Seventh Floor
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/316,167
 FILING DATE: 16-Sep-1999
 CLASIFICATION: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 633027nan, Kevin E
 REGISTRATION NUMBER: 35,103
 REFERENCE/DOCKET NUMBER: 95,1121-C
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-913-0001
 TELEFAX: 312-913-0002
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 4669 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: 5'UTR
 LOCATION: 1..424
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 425 ..4264
 FEATURE:
 NAME/KEY: 3'UTR
 LOCATION: 4265 ..4669

RESULT 9
 US-09-397-233-1
 Sequence 1, Application US/09397233
 Patent No. 6610327
 GENERAL INFORMATION:
 APPLICANT: Ronlin, Igor B
 TITLE OF INVENTION: Methods and Reagents for Preparing and Using Immunological Agents Specific for P-glycoprotein
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESS: McDonnell Boehnen Hulbert & Berghoff
 STREET: 300 South Wacker Drive
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/397,233
 FILING DATE: 16-Sep-1999
 CLASIFICATION: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 633027nan, Kevin E
 REGISTRATION NUMBER: 35,103
 REFERENCE/DOCKET NUMBER: 95,1121-C
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-913-0001
 TELEFAX: 312-913-0002
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 4669 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: 5'UTR
 LOCATION: 1..424
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 425 ..4264
 FEATURE:
 NAME/KEY: 3'UTR
 LOCATION: 4265 ..4669

RESULT 10
 5206352-3
 ; Patent No. 5206352

APPLICANT: Roninson, Igor B.;Pastan Ira H.;Gottesman, Michael M.
 TITLE OF INVENTION: COMPOSITIONS FOR CLONES CONTAINING DNA SEQUENCES ASSOCIATED WITH MULTIDRUG RESISTANCE IN HUMAN CELLS
 NUMBER OF SEQUENCES: 4
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/622,836
 FILING DATE: 24-SEP-1990
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 892,575
 FILING DATE: 01-AUG-1986
 APPLICATION NUMBER: 845,610
 FILING DATE: 28-MAR-1986
 SEQ ID NO:3:
 LENGTH: 4669
 5206352-3

Query Match 92.4%; Score 19.4; DB 6; Length 4669;
 Best Local Similarity 95.2%; Pred. No. 7.5;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAAGGTC 21
 Db 3839 GTGGTGTACAGGAAGGATC 3859

RESULT 11
 5206352-3
 ; Patent No. 5206352
 ; APPLICANT: Roninson, Igor B.;Pastan Ira H.;Gottesman, Michael M.
 ; TITLE OF INVENTION: COMPOSITIONS FOR CLONES CONTAINING DNA SEQUENCES ASSOCIATED WITH MULTIDRUG RESISTANCE IN HUMAN CELLS
 ; NUMBER OF SEQUENCES: 4
 ; CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/622,836
 FILING DATE: 24-SEP-1990
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 892,575
 FILING DATE: 01-AUG-1986
 APPLICATION NUMBER: 845,610
 FILING DATE: 28-MAR-1986
 ; SEQ ID NO:3:
 LENGTH: 4669
 5206352-3

Query Match 92.4%; Score 19.4; DB 6; Length 4669;
 Best Local Similarity 95.2%; Pred. No. 7.5;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAAGGTC 21
 Db 3839 GTGGTGTACAGGAAGGATC 3859

RESULT 12
 US-08-793-610-5
 Sequence 5, Application US/08793610
 Patent No. 5858744
 GENERAL INFORMATION:
 APPLICANT: BAUM, Christopher
 APPLICANT: STOCKING-HARBERS, Carol
 APPLICANT: OSTERTAG, Wolfram
 TITLE OF INVENTION: RETROVIRAL VECTOR HYBRIDS AND THE USE THEREOF
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
 STREET: 655 Fifteenth Street N.W. Suite 330
 CITY: Washington
 STATE: D.C.
 COUNTRY: U.S.A.
 ZIP: 20005-5701

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0.0, Version #1.3.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/793,610
 FILING DATE: 07-MAR-1997
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: DE P 44 31 973.8
 FILING DATE: 08-SEP-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: DE 195 03 952.1
 FILING DATE: 07-FEB-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/EP95/03175
 FILING DATE: 10-AUG-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Berman, Richard J.
 REGISTRATION NUMBER: 39,105
 REFERENCE/DOCKET NUMBER: P1614-7/007
 TELECOMMUNICATION:
 TELEPHONE: (202) 638-5000
 TELEFAX: (202) 638-4810
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 6505 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: circular
 MOLECULE TYPE: DNA
 US-08-793-610-5

Query Match 92.4%; Score 19.4; DB 2; Length 6505;
 Best Local Similarity 95.2%; Pred. No. 7.9;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAAGGTC 21
 Db 5231 GTGGTGTACAGGAAGGATC 5251

RESULT 13
 US-09-306-417-1
 Sequence 1, Application US/09306417
 ; GENERAL INFORMATION:
 ; APPLICANT: Hennrich Pette Institut
 ; TITLE OF INVENTION: Retroviral Gene Transfer Vectors
 ; CURRENT APPLICATION NUMBER: US/09/306,417
 ; FILE REFERENCE: P50491
 ; EARLIER APPLICATION NUMBER: DE 198 22 115
 ; EARLIER FILING DATE: 1998-05-08
 ; NUMBER OF SEQ ID NOS: 17
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 1
 ; LENGTH: 8630
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: proviral
 ; NAME/KEY: misc feature
 ; LOCATION: (1) .(160)
 ; OTHER INFORMATION: Plasmid DNA
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (161) .(677)
 ; OTHER INFORMATION: 5'-LTR
 ; FEATURE:
 ; NAME/KEY: 5' UTR

```

LOCATION: (532)..(1219)
FEATURE: misc_feature
NAME/KEY: mat_peptide
LOCATION: (1220)..(5052)
OTHER INFORMATION: m4 mdr-1 CDNA
FEATURE: misc_feature
NAME/KEY: misc_feature
LOCATION: (5215)..(5774)
OTHER INFORMATION: 3'-LTR
FEATURE: misc_feature
NAME/KEY: misc_feature
LOCATION: (5775)..(8630)
OTHER INFORMATION: plasmid backbone (pUC)

FEATURE: misc_feature
NAME/KEY: misc_feature
LOCATION: (1)..(8630)
OTHER INFORMATION: retroviral expression vector SFbeta7im4
US-09-306-417-1

Query Match
Best Local Similarity 92.4%; Score 19.4%; DB 4; Length 8630;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAAGGTC 21
Db 4634 GTGGTGTACAGGAAGGATC 4654

RESULT 15
US-08-793-610-6
Sequence 6, Application US/087931610
Patent No. 5958744

GENERAL INFORMATION:
APPLICANT: BAUM, Christopher
APPLICANT: STOCKING-HABBERS, Carol
APPLICANT: OSTERTAG, Wolfram
TITLE OF INVENTION: RETROVIRAL VECTOR HYBRIDS AND THE USE THEREOF
TITLE OF INVENTION: FOR GENE TRANSFER
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
STREET: 655 Fifteenth Street N.W. Suite 330
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-5701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/793 610
FILING DATE: 07-MAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE P 44 31 973 8
FILING DATE: 08-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 195 03 952 1
FILING DATE: 07-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP95/03175
FILING DATE: 10-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Berman, Richard J.
REGISTRATION NUMBER: 39,105
REFERENCE/DOCKET NUMBER: P1614-7007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)638-4810
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 9318 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
MOLECULE TYPE: DNA
US-08-793-610-6

Query Match
Best Local Similarity 92.4%; Score 19.4%; DB 2; Length 9318;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAAGGTC 21
Db 5190 GTGGTGTACAGGAAGGATC 5210

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Search completed: September 20, 2005, 00:19:42
Job time : 99.3333 secs

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OM nucleic - nucleic search, using sw model

Run on: September 20, 2005, 00:12:36 ; Search time 2357.33 Seconds

9.353 Million cell updates/sec

Title: US-10-809-757-1

Perfect score: 21

Sequence: 1 gtgggtcacaggaaaggtc 21

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 7389322 seqs, 3331285599 residues

Total number of hits satisfying chosen parameters: 14778644

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

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3: /cgn2_6/picodata/2/pubpna/US07_NEW_PUB.seq;*

4: /cgn2_6/picodata/2/pubpna/US06_PUBCOMB.seq;*

5: /cgn2_6/picodata/2/pubpna/US07_NEW_PUB.seq;*

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10: /cgn2_6/picodata/2/pubpna/US09_PUBCOMB.seq;*

11: /cgn2_6/picodata/2/pubpna/US09_PUBCOMB.seq;*

12: /cgn2_6/picodata/2/pubpna/US10_NEW_PUB.seq;*

13: /cgn2_6/picodata/2/pubpna/US10_PUBCOMB.seq;*

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15: /cgn2_6/picodata/2/pubpna/US10C_PUBCOMB.seq;*

16: /cgn2_6/picodata/2/pubpna/US10D_PUBCOMB.seq;*

17: /cgn2_6/picodata/2/pubpna/US10E_PUBCOMB.seq;*

18: /cgn2_6/picodata/2/pubpna/US10F_PUBCOMB.seq;*

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22: /cgn2_6/picodata/2/pubpna/US10J_NEP_PUB.seq;*

23: /cgn2_6/picodata/2/pubpna/US11A_PUBCOMB.seq;*

24: /cgn2_6/picodata/2/pubpna/US11_NEP_PUB.seq;*

25: /cgn2_6/picodata/2/pubpna/US60_PUBCOMB.seq;*

26: /cgn2_6/picodata/2/pubpna/US60_PUBCOMB.seq;*

8 9 19.4 92.4 3860 9 US-09-866-866A-3

9 19.4 92.4 4186 18 US-10-619-359A-1

10 19.4 92.4 4195 18 US-10-619-359A-3

11 19.4 92.4 4533 9 US-09-305-020-30

12 19.4 92.4 4646 11 US-09-968-007A-459

13 19.4 92.4 4646 11 US-09-968-007A-747

14 19.4 92.4 4646 18 US-10-641-643-1167

15 19.4 92.4 4646 18 US-10-343-457-1

16 19.4 92.4 4646 19 US-10-775-169-198

17 19.4 92.4 4646 21 US-10-843-641A-6929

18 19.4 92.4 4646 21 US-10-843-641A-7217

19 19.4 92.4 4646 21 US-10-505-680-164

20 19.4 92.4 4669 19 US-10-680-516-1

21 19.4 92.4 8630 9 US-09-306-417-1

22 19.4 92.4 8630 9 US-09-306-417-2

23 19.4 92.4 8630 9 US-09-864-761-27542

C 24 18.4 87.6 207 9 US-09-864-761-27542

C 25 18.4 87.6 430 17 US-10-188-359-177

C 26 18.4 87.6 472 9 US-09-864-761-1906

C 27 18.4 87.6 694 19 US-10-767-795-1328

C 28 18.4 87.6 1021 17 US-10-321-039-95

C 29 18.4 87.6 3840 19 US-10-384-139C-30

C 30 18.4 87.6 4192 21 US-10-651-237-53

C 31 18.4 87.6 4192 21 US-10-782-413-53

C 32 18.4 87.6 4643 13 US-10-072-621-2

C 33 18.4 87.6 4643 14 US-10-097-340-1

C 34 18.4 87.6 4643 15 US-10-007-926A-258

C 35 18.4 87.6 98472 21 US-10-77-673

C 36 18.4 87.6 128993 21 US-10-484-577-601

C 37 18 85.7 31 9 US-09-801-274-262

C 38 18 85.7 582 16 US-10-029-386-1551

C 39 17.8 84.8 3866 20 US-10-425-115-66733

C 40 17.4 82.9 19 22 US-10-918-969-214

C 41 17.4 82.9 19 22 US-10-918-969-172

C 42 17.4 82.9 430 17 US-10-388-934-453

C 43 17.4 82.9 492 13 US-10-027-632-281562

C 44 17.4 82.9 492 13 US-10-027-632-281563

C 45 17.4 82.9 492 17 US-10-027-632-281562

ALIGNMENTS

RESULT 1 US-10-809-757-1

1: Sequence 1, Application US10809757 .

2: Publication No. US20040191322A1 .

3: GENERAL INFORMATION: .

4: APPLICANT: Yates, Charles R. .

5: APPLICANT: Miller, Duane .

6: APPLICANT: Gourley, Dick .

7: APPLICANT: Song, Pengfei .

8: TITLE OF INVENTION: Real-Time Polymerase Chain Reaction- .

9: Based Genotyping Assay for Single .

10: TITLE OF INVENTION: Nucleotide Polymorphism .

11: FILE REFERENCE: D6502 .

12: CURRENT APPLICATION NUMBER: US10/809,757 .

13: CURRENT FILING DATE: 2004-03-15 .

14: PRIOR APPLICATION NUMBER: US 60/457,512 .

15: PRIOR FILING DATE: 2003-03-25 .

16: NUMBER OF SEQ ID NOS: 16 .

17: SEQ ID NO 1 .

18: TYPE: DNA .

19: ORGANISM: artificial sequence .

20: FEATURE: .

21: NAME/KEY: primer_bind .

22: OTHER INFORMATION: 3435W primer sequence for MDR1 genotyping .

US-10-809-757-1

Query Match 100.0% Score 21; DB 19; Length 21;

Best Local Similarity 100.0% Pred. No. 1.6; Mismatches 0; Indels 0; Gaps 0;

Matches 21; Conservative 0; N mismatches 0; Indels 0; Gaps 0;

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	21	100.0	21	19 US-10-809-757-1	Sequence 1, Appli
2	20	95.2	21	19 US-10-809-757-2	Sequence 2, Appli
3	19.4	92.4	247	21 US-10-484-577-675	Sequence 675, Appli
4	19.4	92.4	3153	21 US-10-794-514A-396	Sequence 394, Appli
5	19.4	92.4	3258	21 US-10-794-514A-394	Sequence 394, Appli
6	19.4	92.4	3852	15 US-10-101-433A-1	Sequence 1, Appli
7	19.4	92.4	3860	9 US-09-866-866A-1	Sequence 1, Appli

Qy 1 GGGTGTACAGGAAGGGTC 21
 Db 1 GTGGTGTACAGGAAGGGTC 21
 RESULT 4
 US-10-794-514A-396
 ; Sequence 396, Application US/10794514A
 ; Publication No. US20050112134A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Graddis, Thomas
 ; APPLICANT: Laus, Reiner
 ; APPLICANT: Diegel, Michael
 ; APPLICANT: Vidoovic, Dimir
 ; TITLE OF INVENTION: Compositions and Methods Employing Alternative
 ; TITLE OF INVENTION: Reading Frame Polypeptides for the Treatment of
 ; TITLE OF INVENTION: Cancer and Infectious Disease
 ; FILE REFERENCE: 11311.1003U
 ; CURRENT APPLICATION NUMBER: US/10/794,514A
 ; CURRENT FILING DATE: 2004-03-05
 ; NUMBER OF SEQ ID NOS: 733
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 316
 ; LENGTH: 3153
 ; TYPE: DNA
 ; ORGANISM: Human
 ; US-10-794-514A-396

Query Match 92.4%; Score 19.4%; DB 21; Length 3153;
 Best Local Similarity 95.2%; Pred. No. 12; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAAGGGTC 21
 Db 2774 GTGGTGTACAGGAAGGGTC 2794
 RESULT 5
 US-10-794-514A-394
 ; Sequence 394, Application US/10794514A
 ; Publication No. US20050112134A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Graddis, Thomas
 ; APPLICANT: Laus, Reiner
 ; APPLICANT: Diegel, Michael
 ; APPLICANT: Vidoovic, Dimir
 ; TITLE OF INVENTION: Compositions and Methods Employing Alternative
 ; TITLE OF INVENTION: Reading Frame Polypeptides for the Treatment of
 ; TITLE OF INVENTION: Cancer and Infectious Disease
 ; FILE REFERENCE: 11311.1003U
 ; CURRENT APPLICATION NUMBER: US/10/794,514A
 ; CURRENT FILING DATE: 2004-03-05
 ; NUMBER OF SEQ ID NOS: 733
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 394
 ; LENGTH: 3258
 ; TYPE: DNA
 ; ORGANISM: Human
 ; US-10-794-514A-394

Query Match 92.4%; Score 19.4%; DB 21; Length 3258;
 Best Local Similarity 95.2%; Pred. No. 12; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAAGGGTC 21
 Db 2847 GTGGTGTACAGGAAGGGTC 2867
 RESULT 6
 US-10-101-433A-1
 ; Sequence 1, Application US/10101433A
 ; Publication No. US20030119726A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hanscom, Sara
 ; APPLICANT: Crespi, Charles
 ; APPLICANT: Laus, Reiner
 ; APPLICANT: Diegel, Michael
 ; APPLICANT: Vidoovic, Dimir
 ; TITLE OF INVENTION: Compositions and Methods Employing Alternative
 ; TITLE OF INVENTION: Reading Frame Polypeptides for the Treatment of
 ; TITLE OF INVENTION: Cancer and Infectious Disease
 ; FILE REFERENCE: 11311.1003U
 ; CURRENT APPLICATION NUMBER: US/10/101433A
 ; CURRENT FILING DATE: 2004-03-05
 ; NUMBER OF SEQ ID NOS: 683
 ; SOFTWARE: PatentIn Version 3.1
 ; SEQ ID NO: 675
 ; LENGTH: 247
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-101-433A-1

Query Match 92.4%; Score 19.4%; DB 21; Length 247;
 Best Local Similarity 95.2%; Pred. No. 11; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAAGGGTC 21
 Db 156 GTGGTGTACAGGAAGGGTC 176

TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF

FILE REFERENCE: G00307/70019

CURRENT APPLICATION NUMBER: US/10/101,433A

CURRENT FILING DATE: 2002-03-19

PRIOR APPLICATION NUMBER: US 60/277,095

PRIOR FILING DATE: 2001-03-19

NUMBER OF SEQ ID NOS: 38

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1

TYPE: DNA

ORGANISM: Macaca mulatta

FEATURE: CDS

LOCATION: (1) .. (3852)

US-10-101-433A-1

RESULT 7
US-09-866-866A-1

Sequence 1, Application US/09866866A

Patient No. US2002010244A1

GENERAL INFORMATION:

APPLICANT: Sorrentino, Brian

TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells

FILE REFERENCE: 1340-1-021CIP2

CURRENT APPLICATION NUMBER: US/09/866,866A

CURRENT FILING DATE: 2001-08-30

PRIOR APPLICATION NUMBER: 09/584,586

PRIOR FILING DATE: 2000-05-31

PRIOR APPLICATION NUMBER: PCT/US99/11825

PRIOR FILING DATE: 1999-05-27

NUMBER OF SEQ ID NOS: 27

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1

LENGTH: 3860

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-866A-1

Query Match 92.4%; Score 19.4; DB 9; Length 3860;

Best Local Similarity 95.2%; Pred. No. 13; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGGCTCACGGAAGAGTC 21

Db 3424 GTGGCTCACGGAAGAGTC 3444

RESULT 8
US-09-866-866A-3

Sequence 3, Application US/09866866A

Patient No. US2002010244A1

GENERAL INFORMATION:

APPLICANT: Sorrentino, Brian

TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells

FILE REFERENCE: 1340-1-021CIP2

CURRENT APPLICATION NUMBER: US/09/866,866A

CURRENT FILING DATE: 2001-08-30

PRIOR APPLICATION NUMBER: 09/584,586

PRIOR FILING DATE: 2000-05-31

NUMBER OF SEQ ID NOS: 27

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1

LENGTH: 3860

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-866A-1

Query Match 92.4%; Score 19.4; DB 9; Length 3860;

Best Local Similarity 95.2%; Pred. No. 13; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGGCTCACGGAAGAGTC 21

Db 3415 GTGGCTCACGGAAGAGTC 3435

RESULT 9
US-10-619-359A-1

Sequence 1, Application US/10619359A

Patient No. US20040077000A1

GENERAL INFORMATION:

APPLICANT: STOCKER, PENNY J.

TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF

FILE REFERENCE: G00307.70020.US

CURRENT APPLICATION NUMBER: US/10/619,359A

CURRENT FILING DATE: 2003-07-14

PRIOR APPLICATION NUMBER: US/09/156,921

PRIOR FILING DATE: 1999-05-28

PRIOR APPLICATION NUMBER: US/60/158,818

PRIOR FILING DATE: 1999-10-12

PRIOR APPLICATION NUMBER: US/09/672,810

PRIOR FILING DATE: 2000-09-28

NUMBER OF SEQ ID NOS: 18

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 1

LENGTH: 4,186

TYPE: DNA

ORGANISM: Macaca fascicularis

FEATURE: CDS

LOCATION: (100) ... (3940)

US-10-619-359A-1

Query Match 92.4%; Score 19.4; DB 18; Length 4186;

Best Local Similarity 95.2%; Pred. No. 13; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGGCTCACGGAAGAGTC 21

Db 3514 GTGGCTCACGGAAGAGTC 3534

RESULT 10
US-10-619-359A-3

Sequence 3, Application US/10619359A

Patient No. US20040077000A1

GENERAL INFORMATION:

APPLICANT: STOCKER, PENNY J.

TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF

FILE REFERENCE: G00307.70020.US

CURRENT APPLICATION NUMBER: US/10/619,359A

CURRENT FILING DATE: 2003-07-14

PRIOR APPLICATION NUMBER: US/60/156,921

PRIOR FILING DATE: 1999-09-28

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; PRIOR APPLICATION NUMBER: US 60/158,818
; PRIOR FILING DATE: 1999-10-12
; PRIOR APPLICATION NUMBER: US 09/672,810
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PABSEQ for Windows Version 3.0
; SEQ ID NO: 3
; LENGTH: 4195
; TYPE: DNA
; FEATURE: Macaca fascicularis
; NAME/KEY: CDS
; LOCATION: (1.00) . . . (3949)
; US-10-619-359A-3

Query Match 92.4%; Score 19.4%; DB 18; Length 4195;
Best Local Similarity 95.2%; Pred. No. 13;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 GTGGTGTACAGGAAGAGTC 21
Db 3523 GTGGTGTACAGGAAGAGTC 3543

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RESULT 11
US-09-805-020-30
; Sequence 3.0, Application US/09805020
; Publication No. US20086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SBO ID NO: 30
; LENGTH: 4533
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE: misc_feature
; NAME/KEY: misc_feature
; LOCATION: (1) . . (4533)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
; US-09-805-020-30

Query Match 92.4%; Score 19.4%; DB 9; Length 4533;
Best Local Similarity 95.2%; Pred. No. 13;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 GTGGTGTACAGGAAGAGTC 21
Db 3839 GTGGTGTACAGGAAGAGTC 3859

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RESULT 12
US-09-968-007A-459
; Sequence 4.59, Application US/0968007A
; Publication No. US20040115625A1
; GENERAL INFORMATION:
; APPLICANT: Ebnner, Reinhard
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Usining Signa
; FILE REFERENCE: 689290-71
; CURRENT APPLICATION NUMBER: US/09/968,007A
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,172
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,173
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,278
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,294
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,295
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,316
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 1001
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 747
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-968-007A-747

Query Match 92.4%; Score 19.4%; DB 11; Length 4646;
Best Local Similarity 95.2%; Pred. No. 13;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 GTGGTGTACAGGAAGAGTC 21
Db 3839 GTGGTGTACAGGAAGAGTC 3859

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RESULT 14
US-10-641-643-1167
; Sequence 11.67, Application US/106411643
; Publication No. US20040077003A1
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL
; NUMBER OF SEQUENCES: 1500
; NUMBER OF SEQUENCES: 1500

Query Match 92.4%; Score 19.4%; DB 11; Length 4646;
Best Local Similarity 95.2%; Pred. No. 13;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 GTGGTGTACAGGAAGAGTC 21
Db 3839 GTGGTGTACAGGAAGAGTC 3859

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; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,295
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,316
; NUMBER OF SEQ ID NOS: 1001
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 459
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-968-007A-459

Query Match 92.4%; Score 19.4%; DB 11; Length 4646;
Best Local Similarity 95.2%; Pred. No. 13;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 GTGGTGTACAGGAAGAGTC 21
Db 3839 GTGGTGTACAGGAAGAGTC 3859

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; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/09/968,007A
; Publication No. US20040115625A1
; GENERAL INFORMATION:
; APPLICANT: Ebnner, Reinhard
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Usining Signa
; FILE REFERENCE: 689290-71
; CURRENT APPLICATION NUMBER: US/09/968,007A
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,172
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,173
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,278
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,294
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,295
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,316
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 1001
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 747
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-968-007A-747

Query Match 92.4%; Score 19.4%; DB 11; Length 4646;
Best Local Similarity 95.2%; Pred. No. 13;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 GTGGTGTACAGGAAGAGTC 21
Db 3839 GTGGTGTACAGGAAGAGTC 3859

```

1 CORRESPONDENCE ADDRESS:
 1 ADDRESSEES: INCYTE PHARMACEUTICALS, INC.
 1 STREET: 3174 PORTER DRIVE
 1 CITY: PALO ALTO
 1 STATE: CALIFORNIA
 1 COUNTRY: USA
 1 ZIP: 94104

1 COMPUTER READABLE FORM:
 1 MEDIUM TYPE: Floppy disk
 1 COMPUTER: IBM PC compatible
 1 OPERATING SYSTEM: PC-DOS/MS-DOS
 1 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

1 CURRENT APPLICATION DATA:
 1 APPLICATION NUMBER: US/10/641,643

1 FILING DATE: 14-Aug-2003

1 PRIORITY APPLICATION DATA:
 1 APPLICATION NUMBER: <Unknown>

1 FILING DATE: <Unknown>

1 ATTORNEY/AGENT INFORMATION:
 1 NAME: Zeller, Karen J.

1 REGISTRATION NUMBER: 37,071

1 TELECOMMUNICATION INFORMATION:
 1 REFERENCE/DOCKET NUMBER: PA-0001 US

1 TELEPHONE: (650) 855-0555

1 TELEFAX: (650) 845-4166

1 INFORMATION FOR SEQ ID NO: 1167:

1 SEQUENCE CHARACTERISTICS:
 1 LENGTH: 4646 base pairs

1 TYPE: nucleic acid

1 STRANDEDNESS: single

1 TOPOLOGY: linear

1 IMMEDIATE SOURCE:
 1 LIBRARY: GENBANK

1 CLONE: S187468

1 SEQUENCE DESCRIPTION: SEQ ID NO: 1167 :

1 US-10-641-643-1167

1 Query Match 92.4%; Score 19.4%; DB 18; Length 4646;

1 Best Local Similarity 95.2%; Pred. No. 13;
 1 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1 Qy 1 GTGGGTCACTAGGAAGAGTC 21

1 Db 3839 GTGGGTCACTAGGAAGAGTC 3859

1 RESULT 15
 1 US-10-343-657-1
 1 Sequence 1, Application US/10343657
 1 Publication No. US20040086802A1
 1 GENERAL INFORMATION:
 1 / APPLICANT: Roninson, Igor B.
 1 / APPLICANT: Ruth, Adam
 1 / TITLE OF INVENTION: Mutations of the MDR1 P-glycoprotein that Improve Its
 1 / Ability to Confer Resistance to Chemotherapeutic Drugs
 1 / FILE REFERENCE: 00_616-A
 1 / CURRENT APPLICATION NUMBER: US/10/343,657
 1 / CURRENT FILING DATE: 2003-10-17
 1 / PRIOR APPLICATION NUMBER: 60/222,313
 1 / PRIOR FILING DATE: 2000-08-01
 1 / NUMBER OF SEQ ID NOS: 18
 1 / SOFTWARE: Patentin Ver. 2.0
 1 / SEQ ID NO: 1
 1 / LENGTH: 4646
 1 / TYPE: DNA
 1 / ORGANISM: Homo sapiens
 1 / FEATURE:
 1 / NAME/KEY: CDS
 1 / LOCATION: (425) .. (4264)

1 Query Match 92.4%; Score 19.4%; DB 18; Length 4646;
 1 US-10-343-657-1

GenCore version 5.1.6
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DOM nucleic - nucleic search, using SW mode!

Run on: September 19, 2005, 22:51:55 ; Search time 91.3333 Seconds
(without alignments)
376.224 Million cell updates/sec

Result: US-10-809-757-2

Perfect score: 21

Sequence: 1 gttgtgtcacagaaaggtt 21

Scoring table: IDENTITY_NUC
Gapext 1.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Issued Parents NA:*

- 1: /cgn2_6/.ptodata/1/ina/5A_COMB.seq:*
- 2: /cgn2_6/.ptodata/1/ina/5B_COMB.seq:*
- 3: /cgn2_6/.ptodata/1/ina/6A_COMB.seq:*
- 4: /cgn2_6/.ptodata/1/ina/6B_COMB.seq:*
- 5: /cgn2_6/.ptodata/1/ina/PCTUS_COMB.seq:*
- 6: /cgn2_6/.ptodata/1/ina/backfiles1.seq:*

Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	19.4	92.4	3988	4	US-09-762-195-1
2	19.4	92.4	4264	2	US-08-784-649A-1
3	19.4	92.4	4264	2	US-08-784-649A-5
4	18.4	87.6	2776	1	US-08-461-823-1
5	18.4	87.6	4186	4	US-09-672-810-1
6	18.4	87.6	4195	4	US-09-672-810-3
7	18.4	87.6	4666	1	US-08-181-471-2
8	18.4	87.6	4666	1	US-09-023-655-1167
9	18.4	87.6	4669	2	US-08-583-276-8
10	18.4	87.6	4669	2	US-08-752-447-1
11	18.4	87.6	4669	3	US-09-316-167-1
12	18.4	87.6	4669	4	US-09-397-233-1
13	18.4	87.6	4669	6	5206352-3
14	18.4	87.6	4669	6	5206352-3
15	18.4	87.6	6505	2	US-08-793-610-5
16	18.4	87.6	8630	4	US-09-306-417-1
17	18.4	87.6	8630	4	US-09-306-417-2
18	18.4	87.6	9318	2	US-08-793-610-6
19	17.8	84.8	3115	4	US-09-248-796-17498
20	16.8	80.0	98036	4	US-09-949-016-15335
21	16.8	80.0	260286	4	US-09-949-016-17037
22	16.8	80.0	260233	4	US-09-949-016-12106
23	16.4	78.1	512	4	US-09-495-0504-196
24	16.4	78.1	517	3	US-09-276-531-13
25	16.4	78.1	601	4	US-09-949-016-154663
26	16.4	78.1	601	4	US-09-949-016-154664
27	16.4	78.1	601	4	US-09-949-016-154665

ALIGNMENTS

RESULT 1
US-09-762-195-1
; Sequence 1, Application US/09762195
; Patent No. 6677319
; GENERAL INFORMATION:
; APPLICANT: Stremmel, Wolfgang
; TITLE OF INVENTION: Phosphatidylcholine as Medication with
; TITLE OF INVENTION: Phosphatidylcholine as Medication with
; TITLE OF INVENTION: Protective Effect on Large Intestinal Mucosa
; FILE REFERENCE: 34691/208520
; CURRENT APPLICATION NUMBER: US/09/762,195
; CURRENT FILING DATE: 2000-02-05
; PRIOR APPLICATION NUMBER: PCT/EP99/02426
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 198 35 526 2 DE
; PRIOR FILING DATE: 1998-08-06
; PRIOR APPLICATION NUMBER: 198 57 570 8 DE
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 3988
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-762-195-1

Query Match 92.4%; Score 19.4; DB 4; Length 3988;
Best Local Similarity 95.2%; Pred. No. 5.9;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0

Qy 1 GTCGNGTCACAGGAAGAGTT 21
Db 3481 GTGEGTCACAGGAAGAGTT 3501

RESULT 2
US-08-784-649A-1
; Sequence 1, Application US/08784649A
; Patent No. 5830597
; GENERAL INFORMATION:
; APPLICANT: Skic, Branimir I
; APPLICANT: Chen, Gang
; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO
; TITLE OF INVENTION: CTCLOSPORIN MODULATION
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA

ZIP: 94025
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/784,649A
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Sherwood, Pamela J
 REFERENCE/DOCKET NUMBER: Reg. No. 5830697 36,677
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-322-5070
 TELEFAX: 415-854-0875
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 4264 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-08-784-649A-1

Query Match 92.4%; Score 19.4%; DB 2; Length 4264;
 Best Local Similarity 95.2%; Pred. No. 6;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Qy 1 GTGGTGTACAGGAAGAGTT 21
 Db 3553 GTGGTGTACAGGAAGAGATT 3573

RESULT 3
 US-08-784-649A-5
 Sequence 5, Application US/08784649A
 General Information:
 Applicant: Sivic, Branimir I
 Applicant: Chen, Gang
 Title of Invention: P-GLYCOPROTEIN MUTANT RESISTANT TO
 Title of Invention: CYCLOSPORIN MODULATION
 Number of Sequences: 5
 Correspondence Address:
 Addressee: Fish & Richardson
 Street: 2200 Sand Hill Road
 City: Menlo Park
 State: CA
 Country: USA
 Zip: 94025
 Computer Readable Form:
 Medium Type: Floppy disk
 Computer: IBM PC compatible
 Operating System: PC-DOS/MS-DOS
 Software: PatentIn Release #1.0, Version #1.25
 Current Application Data:
 Application Number: US/08/784,649A
 Filing Date:
 Classification: 435
 Attorney/Agent Information:
 Name: Sherwood, Pamela J
 Registration Number: Reg. No. 5830697 36,677
 Reference/DOCKET NUMBER: 0/037/007001
 Telecommunication Information:
 Telephone: 415-322-5070
 Telefax: 415-854-0875
 Information for Seq ID No: 5:
 Sequence Characteristics:
 Length: 4264 base pairs
 Type: nucleic acid
 Strandedness: single

TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-08-784-649A-5

Query Match 92.4%; Score 19.4%; DB 2; Length 4264;
 Best Local Similarity 95.2%; Pred. No. 6;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Qy 1 GTGGTGTACAGGAAGAGTT 21
 Db 3553 GTGGTGTACAGGAAGAGATT 3573

RESULT 4
 US-08-461-823-1
 Sequence 1, Application US/08461823
 Patent No. 5593810
 General Information:
 Applicant: Bhatnagar, Satish K.
 Applicant: George Jr., Albert L.
 Applicant: Nazarenko, Irina
 Title of Invention: AMPLIFICATION OF NUCLEIC ACID SEQUENCES
 Number of Sequences: 27
 Correspondence Address:
 Address: Oncopharm, Inc.
 Street: 200 Perry Parkway
 City: Gaithersburg
 State: Maryland
 Country: USA
 Zpp: 20877
 Computer Readable Form:
 Medium Type: Floppy disk
 Computer: IBM PC compatible
 Operating System: PC-DOS/MS-DOS
 Software: PatentIn Release #1.0, Version #1.30
 Current Application Data:
 Application Number: US/08/461,823
 Filing Date: 05-JUN-1995
 Classification: 435
 Prior Application Data:
 Application Number: US 08/168,621
 Filing Date: 16-DEC-1993
 Prior Application Data:
 Application Number: US 08/010,433
 Filing Date: 27-JAN-1993
 Attorney/Agent Information:
 Name: Karte, Glenn B.
 Registration Number: 30,649
 Reference/DOCKET NUMBER: PA-0012 CIP 2
 Telecommunication Information:
 Telephone: 301 527-2058
 Telefax: 301 208-6997
 Information for Seq ID No: 1:
 Sequence Characteristics:
 Length: 2726 base pairs
 Type: nucleic acid
 Strandedness: double
 Topology: linear
 Molecule Type: DNA (genomic)
 Hypothetical: NO
 Anti-sense: NO

US-08-461-823-1

Query Match 87.6%; Score 18.4%; DB 1; Length 2726;
 Best Local Similarity 95.0%; Pred. No. 17;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Qy 1 GTGGTGTACAGGAAGAGTT 20
 Db 1919 GTGGTGTACAGGAAGAGAT 1918

RESULT 5

US-09-672-810-1
 ; Sequence 1, Application US/09672810
 ; Patent No. 661450
 ; GENERAL INFORMATION:
 ; APPLICANT: STOCKER, PENNY J.
 ; STEIMEL, CRESPI, DOROTHY T.
 ; APPLICANT: CRESPI, CHARLES L.
 ; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
 ; FILE REFERENCE: GO307/7018
 ; CURRENT APPLICATION NUMBER: US/09/672,810
 ; CURRENT FILING DATE: 2000-09-28
 ; PRIORITY NUMBER: US 60/156,921
 ; PRIORITY FILING DATE: 1999-09-28
 ; PRIORITY APPLICATION NUMBER: US 60/158,818
 ; PRIORITY FILING DATE: 1999-10-12
 ; NUMBER OF SEQ ID NOS: 18
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 1
 ; LENGTH: 4186
 ; TYPE: DNA
 ; FEATURE: ORGANISM: Macaca fascicularis
 ; NAME/KEY: CDS
 ; LOCATION: (100) ... (3940)
 US-09-672-810-1

Query Match 87.6%; Score 18.4; DB 4; Length 4186;
 Best Local Similarity 95.0%; Pred. No. 19;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAAGAGT 20
 Db 3514 GTGGTGTACAGGAAGAGT 3533

RESULT 6
 US-09-672-810-3
 ; Sequence 3, Application US/09672810
 ; Patent No. 661450
 ; GENERAL INFORMATION:
 ; APPLICANT: STOCKER, PENNY J.
 ; STEIMEL, CRESPI, DOROTHY T.
 ; APPLICANT: CRESPI, CHARLES L.
 ; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
 ; FILE REFERENCE: GO307/7018
 ; CURRENT APPLICATION NUMBER: US/09/672,810
 ; CURRENT FILING DATE: 2000-09-28
 ; PRIORITY NUMBER: US 60/156,921
 ; PRIORITY FILING DATE: 1999-09-28
 ; PRIORITY APPLICATION NUMBER: US 60/158,818
 ; PRIORITY FILING DATE: 1999-10-12
 ; NUMBER OF SEQ ID NOS: 18
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 3
 ; LENGTH: 4195
 ; TYPE: DNA
 ; FEATURE: ORGANISM: Macaca fascicularis
 ; NAME/KEY: CDS
 ; LOCATION: (100) ... (3949)

Query Match 87.6%; Score 18.4; DB 4; Length 4195;
 Best Local Similarity 95.0%; Pred. No. 19;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAAGAGT 20
 Db 3523 GTGGTGTACAGGAAGAGT 3542

RESULT 7
 US-08-181-471-2

Sequence 2, Application US/08181471
 ; Patent No. 5611508
 ; GENERAL INFORMATION:
 ; APPLICANT: Li, Lingna
 ; STEIMEL, CRESPI, Valery K.
 ; TITLE OF INVENTION: METHOD FOR DELIVERING BENEFICIAL
 ; COMPOSITIONS TO HAIR FOLLICLES
 ; NUMBER OF SEQUENCES: 3
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Thomas Fitting
 ; STREET: 12526 High Bluff Drive, Suite 300
 ; CITY: San Diego
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 92130
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC Compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION NUMBER: US/08/181,471
 ; APPLICATION NUMBER: US/08/181,471
 ; FILING DATE: 13-JAN-1994
 ; CLASSIFICATION: 424
 ; PRIOR APPLICATION NUMBER: US 08/041,553
 ; APPLICATION NUMBER: US 08/041,553
 ; FILING DATE: 02-APR-1993
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Fitting, Thomas
 ; REGISTRATION NUMBER: 34,163
 ; REFERENCE/DOCKET NUMBER: ANTO029P
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 619-792-3680
 ; TELEFAX: 619-792-8477
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 4646 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; HYPOTHETICAL: NO
 ; ANTI SENSE: NO
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: 425..4267
 US-08-181-471-2

Query Match 87.6%; Score 18.4; DB 1; Length 4646;
 Best Local Similarity 95.0%; Pred. No. 19;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAAGAGT 20
 Db 3839 GTGGTGTACAGGAAGAGT 3858

RESULT 8
 US-09-023-655-1167
 ; Sequence 1167, Application US/09023655
 ; GENERAL INFORMATION:
 ; APPLICANT: Cocks, Benjamin G.
 ; STEIMEL, CRESPI, Valery K.
 ; APPLICANT: Susan G. Seilhamer
 ; APPLICANT: Jeffrey J. Seilhamer
 ; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
 ; NUMBER OF SEQUENCES: 1508
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: INCITE PHARMACEUTICALS, INC.
 ; STREET: 3174 PORTER DRIVE
 ; CITY: PALO ALTO
 ; STATE: CALIFORNIA

COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: word Perfect 6.1 for Windows/MS-DOS 6.2
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/023,655
 FILING DATE: HEREWTH
 CLASSIFICATION NUMBER:
 PRIOR APPLICATION NUMBER:
 FILING DATE:
 CLASSIFICATION NUMBER:
 ATTORNEY/AGENT INFORMATION:
 NAME: Zeller, Karen J.
 REGISTRATION NUMBER: 37,071
 REFERENCE/DOCKET NUMBER: PA-0001 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 855-0555
 TELEFAX: (650) 845-4166
 INFORMATION FOR SEQ ID NO: 1167:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 4646 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: GENBANK
 CLONE: 9187468
 US-09-023-655-1167

Query Match 87.6%; Score 18.4%; DB 4; Length 4646;
 Best Local Similarity 95.0%; Pred. No. 19; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGTGTACAGGAAGAGT 20
 Db 3839 GTGGTGTACAGGAAGAGT 3858

RESULT 9
 US-08-583-276-18
 Sequence 18, Application US/08583276
 General Information:
 Patent No. 5837536

APPLICANT: McDonagh, Kevin T.
 ATTORNEY: Nienhuis, Arthur
 APPLICANT: Tolotshev, Paul

TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
 TITLE OF INVENTION: MULTIDRUG RESISTANCE GENES AND IMPROVED
 TITLE OF INVENTION: SELECTION OF CELLS TRANSDUCED WITH SUCH GENES
 NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
 ADDRESS: Cecchi & Stewart
 STREET: 6 Becker Farm Road
 CITY: Roseland
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07068

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch diskette
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: PC-DOS
 SOFTWARE: DM4. V2

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/583,276
 FILING DATE: 05-JAN-1996
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/332,444

FILING DATE: 31-OCT-1994
 APPLICATION NUMBER: 07/887,712
 FILING DATE: 22-MAY-1992
 INFORMATION FOR SEQ ID NO: 18:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 4659 bases
 TYPE: nucleic acid
 STRANDEDNESS: Bingular
 TOPOLOGY: linear
 MOLECULE TYPE: Genomic DNA
 DESCRIPTION: Genomic DNA
 US-08-583-276-18

Query Match 87.6%; Score 18.4%; DB 2; Length 4669;
 Best Local Similarity 95.0%; Pred. No. 19; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAAGAGT 20
 Db 3839 GTGGTGTACAGGAAGAGT 3858

RESULT 10
 US-08-752-447-1
 Sequence 1, Application US/08752447
 Patent No. 5894088

GENERAL INFORMATION:
 APPLICANT: Machethner, Eugene
 ATTORNEY: Robinson, Igor B
 TITLE OF INVENTION: Methods and Reagents for Preparing and
 Using Immunological Agents Specific for P-glycoprotein
 NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:
 ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff Ltd.
 STREET: 300 South Wacker Drive, Seventh Floor
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC DOS/MS-DOS
 SOFTWARE: Patent Release #1., Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/752,447
 FILING DATE: 15-NOV-1996
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 5894088nan, Kevin E
 REGISTRATION NUMBER: 35,303
 REFERENCE/DOCKET NUMBER: 95,1121
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-913-0001
 TELEFAX: 312-913-9808
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 4659 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: 5'UTR
 LOCATION: 1..424
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 425..4264
 FEATURE:
 NAME/KEY: 3'UTR
 LOCATION: 4265..4669

US-08-752-447-1

Query Match 87.6%; Score 18.4; DB 2; Length 4669;
 Best Local Similarity 95.0%; Pred. No. 19;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 US-09-397-233-1
 ; Sequence 1, Application US/09397233
 ; Patent No. 6630327

GENERAL INFORMATION:
 APPLICANT: Mechetner, Eugene
 TITLE OF INVENTION: Methods and Reagents for Preparing and
 Using Immunological Agents Specific for P-glycoprotein

RESULT 11
 US-09-316-167-1
 ; Sequence 1, Application US/09316167
 ; Patent No. 6365357

GENERAL INFORMATION:
 APPLICANT: Robinson, Igor B
 TITLE OF INVENTION: Methods and Reagents for Preparing and
 Using Immunological Agents Specific for P-glycoprotein

NUMBER OF SEQUENCES: 2

RECORDED ADDRESS:
 ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
 STREET: 300 South Wacker Drive
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/397-233
 FILING DATE: 16-Sep-1999
 CLASSIFICATION <Unknown>

ATTORNEY/AGENT INFORMATION:
 NAME: No. 6630327nan, Kevin E
 REGISTRATION NUMBER: 35,103
 REFERENCE DOCKET NUMBER: 95,1121-C

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-913-0001
 TELEFAX: 312-913-0002

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
 LENGTH: 4669 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

MOLECULE TYPE: cDNA
 FEATURE: NAME/KEY: 5' UTR
 LOCATION: 1..424
 FEATURE: NAME/KEY: CDS
 LOCATION: 425..4264
 FEATURE: NAME/KEY: 3' UTR
 LOCATION: 4265..4669

US-09-397-233-1
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Query Match 87.6%; Score 18.4; DB 4; Length 4669;
 Best Local Similarity 95.0%; Pred. No. 19;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 ; Gaps 0;

RESULT 13
 5203352-3
 ; Patent No. 5206352
 ; APPLICANT: Robinson, Igor B; Pastan, Ira H.; Gottsman, Michael M.
 ; TITLE OF INVENTION: COMPOSITIONS FOR CLONES CONTAINING DNA
 ; SEQUENCES ASSOCIATED WITH MULTIDRUG RESISTANCE IN HUMAN CELLS
 ; NUMBER OF SEQUENCES: 4
 ; CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/622,836
 FILING DATE: 24-SEP-1990
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 892,575

Query Match 87.6%; Score 18.4; DB 3; Length 4666;
 Best Local Similarity 95.0%; Pred. No. 19;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 ; Gaps 0;

RESULT 12
 3839 GTGGTGTACAGGAAGAGT 20
 ; Sequence 1, Application US/09397233
 ; Patent No. 6630327

Query Match 87.6%; Score 18.4; DB 3; Length 4666;
 Best Local Similarity 95.0%; Pred. No. 19;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 ; Gaps 0;

RESULT 12

; FILING DATE: 01-AUG-1986
 ; APPLICATION NUMBER: 845 610
 ; FILING DATE: 28-MAR-1986
 ; SEQ ID NO:3:
 ; LENGTH: 4669
 5206352-3

Query Match Similarity Score 87.6%; DB 6; Length 4669;
 Best Local Similarity 95.0%; Pred. No. 19;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAGGT 20
 Db 3839 GTGGTGTACAGGAGGT 3858

RESULT 14
 5206352-3
 ; Patent No. 5206352
 ; APPLICANT: Roninson, Igor B.; Pastan Ira H.; Gottesman, Michael M.
 ; TITLE OF INVENTION: COMPOSITIONS FOR CLONES CONTAINING DNA
 ; SEQUENCES ASSOCIATED WITH MULTIDRUG RESISTANCE IN HUMAN CELLS
 ; NUMBER OF SEQUENCES: 4
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/07/622, 836
 ; FILING DATE: 24-SEP-1990
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 892 575
 ; FILING DATE: 01-AUG-1986
 ; APPLICATION NUMBER: 845 610
 ; FILING DATE: 28-MAR-1986
 ; SEQ ID NO:3:
 ; LENGTH: 4669

Query Match Similarity Score 87.6%; DB 6; Length 4669;
 Best Local Similarity 95.0%; Pred. No. 19;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAGGT 20
 Db 3839 GTGGTGTACAGGAGGT 3858

RESULT 15
 US-08-793-610-5
 ; Sequence 5, Application US/08793610
 ; Patent No. 5858744
 ; GENERAL INFORMATION:
 ; APPLICANT: BAUM, Christopher
 ; APPLICANT: STOCKING-HARBERS, Carol
 ; APPLICANT: OSTERTAG, Wolfgang
 ; TITLE OF INVENTION: RETROVIRAL VECTOR HYBRIDS AND THE USE THEREOF
 ; TITLE OF INVENTION: FOR GENE TRANSFER
 ; NUMBER OF SEQUENCES: 6
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
 ; STREET: 655 Fifteenth Street N.W. Suite 330
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: U.S.A.
 ; ZIP: 20005-5701
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC Compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/793, 610
 ; FILING DATE: 07-MAR-1997
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: DE P 44 31 973 8

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: September 20, 2005, 00:12:36 ; Search time 2357.33 Seconds

(without alignments)

59.353 Million cell updates/sec

Title: US-10-809-757-2

Perfect score: 21

Sequence: 1 gtgtgtcacaggaaagggtt 21

Scoring table: IDENTITY NUC Gapop 10.0 , Gapext 1.0

Searched: 7389322 seqs, 3331285599 residues

Total number of hits satisfying chosen parameters: 14778644

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing First 45 summaries

Database : Published Applications NA *

1: /cgn2_6/ptodata/2/pubnra/us07 PUBCOMB.seq:*

2: /cgn2_6/ptodata/2/pubnra/PCT_NEW_PUB.seq:*

3: /cgn2_6/ptodata/2/pubnra/us05__NEW_PUB.seq:*

4: /cgn2_6/ptodata/2/pubnra/us06 PUBCOMB.seq:*

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6: /cgn2_6/ptodata/2/pubnra/PCITS PUBCOMB.seq:*

7: /cgn2_6/ptodata/2/pubnra/us08 NEW_PUB.seq:*

8: /cgn2_6/ptodata/2/pubnra/us08 PUBCOMB.seq:*

9: /cgn2_6/ptodata/2/pubnra/us09 PUBCOMB.seq:*

10: /cgn2_6/ptodata/2/pubnra/us09c PUBCOMB.seq:*

11: /cgn2_6/ptodata/2/pubnra/us09_N PUB.seq:*

12: /cgn2_6/ptodata/2/pubnra/us10 PUBCOMB.seq:*

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23: /cgn2_6/ptodata/2/pubnra/us11a PUBCOMB.seq:*

24: /cgn2_6/ptodata/2/pubnra/us11c NEW_PUB.seq:*

25: /cgn2_6/ptodata/2/pubnra/us06 NEW_PUB.seq:*

26: /cgn2_6/ptodata/2/pubnra/us06c PUBCOMB.seq:*

RESULT 1

US-10-809-757-2

; Application US/10899757

; Publication US20040191822A1

; GENERAL INFORMATION:

; APPLICANT: Yates, Charles R.

; APPLICANT: Miller, Duane

; APPLICANT: Gourley, Dick

; APPLICANT: Song, Pengfei

; TITLE OF INVENTION: Real-Time Polymerase Chain Reaction-

; TITLE INVENTION: Based Genotyping Assay for Single

; TITLE OF INVENTION: Nucleotide Polymorphism

; FILE REFERENCE: D6502

; CURRENT APPLICATION NUMBER: US/10/809,757

; CURRENT FILING DATE: 2004-03-25

; PRIOR APPLICATION NUMBER: US 60/457,512

; PRIOR FILING DATE: 2003-03-25

; NUMBER OF SEQ ID NOS: 16

; SEQ ID NO 2

; LENGTH: 21

; TYPE: DNA

; ORGANISM: artificial sequence

; FEATURE:

; NAME/KEY: primer bind

; OTHER INFORMATION: 3435M primer sequence for MDR1 genotyping

US-10-809-757-2

Query Match Score 21; DB 19; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5%; Indels 0; Gaps 0;
Matches 21; Conservative 0; Mismatches 0;

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	21	100.0	21	19	US-10-809-757-2
2	20	95.2	21	19	US-10-809-757-1
C 3	19.4	92.4	207	9	US-09-864-761-27542
C 4	19.4	92.4	472	21	Sequence 1096, A
C 5	19.4	92.4	3840	19	Sequence 53, App1
6	19.4	92.4	4192	21	Sequence 53, App1
7	19.4	92.4	4192	21	Sequence 53, App1

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Qy 1 GCTGTGTACAGGAGGCTT 21
 Db 1 GCTGTGTACAGGAGGCTT 21

RESULT 2
 US-10-809-757-1
 Sequence 1, Application US/10809757
 Publication No. US20040191822A1
 GENERAL INFORMATION
 APPLICANT: Yates, Charles R.
 APPLICANT: Miller, Duane
 APPLICANT: Gourley, Dick
 APPLICANT: Song, Pengfei
 TITLE OF INVENTION: Real-Time Polymerase Chain Reaction-Based Genotyping Assay for Single Nucleotide Polymorphism
 TITLE OF INVENTION: Nucleotide Polymorphism
 FILE REFERENCE: D5502
 CURRENT APPLICATION NUMBER: US/10/809,757
 CURRENT FILING DATE: 2004-03-25
 PRIOR APPLICATION NUMBER: US 60/457,512
 PRIOR FILING DATE: 2003-03-25
 NUMBER OF SEQ ID NOS: 16
 SEQ ID NO 1
 LENGTH: 21
 TYPE: DNA
 ORGANISM: artificial sequence
 FEATURE:
 NAME/KEY: primer_bind
 OTHER INFORMATION: 3435W primer sequence for MDR1 genotyping

US-10-809-757-1

Query Match 95.2%; Score 20; DB 19; Length 21;
 Best Local Similarity 100.0%; Pred. No. 4.7%;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGTGTACAGGAGGCTT 20
 Db 1 GCTGTGTACAGGAGGCTT 20

RESULT 3
 US-09-864-761-27542/c
 Sequence 27542, Application US/09864761
 GENERAL INFORMATION
 APPLICANT: Penn, Sharron G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Wensheng
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR FILE REFERENCE: Aeomica-X-1
 CURRENT APPLICATION NUMBER: US/09/864,761
 CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-10
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/608,408
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: US 09/774,203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: Annonax Sequence Listing Engine vers. 1.1
 SEQ ID NO 27542
 LENGTH: 207
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO AC005068.1
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.5
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.97
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.5
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1
 OTHER INFORMATION: EST HUMAN HIT: EF13560.1, EVALUE 1.00e-110
 OTHER INFORMATION: SWISSROT HIT: P08183, EVALUE 5.00e-34
 OTHER INFORMATION: NT HIT: AF016535.1, EVALUE 1.00e-113
 US-09-864-761-27542

Qy 1 GGGGTGTACAGGAGGTT 21
 Db 1 GTGGGTGTACAGGAGGTT 21
 Db 75 GTGGGTGTACAGGAGGTT 55

Query Match 92.4%; Score 19.4; DB 9; Length 207;
 Best Local Similarity 95.2%; Pred. No. 11;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 4
 US-09-864-761-10906/c
 Sequence 10906, Application US/09864761
 GENERAL INFORMATION
 APPLICANT: Penn, Sharron G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Wensheng
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR FILE REFERENCE: Aeomica-X-1
 CURRENT APPLICATION NUMBER: US/09/864,761
 CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-05-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30

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; TYPE: DNA
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; TITLE: mdr-1
; PATENT DOCUMENT NUMBER: AF016535
; US-10-384-339C-30

Query Match 92.4%; Score 19.4; DB 19; Length 3840;
Best Local Similarity 95.2%; Pred. No. 13;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAAGAGTT 21
Db 3412 GTGGTGTACAGGAAGAGTT 3432

RESULT 6
US-10-651-237-53
; Sequence 53, Application US/10651237
; Publication No. US2005004849A1
; GENERAL INFORMATION:
; APPLICANT: Ortho-Clinical Diagnostics, Inc.
; TITLE OF INVENTION: Colorectal Cancer Prognostics
; FILE REFERENCE: ADS-5003 US NP
; CURRENT APPLICATION NUMBER: US/10/651,237
; CURRENT FILING DATE: 2003-08-27
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 53
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: human
; US-10-651-237-53

Query Match 92.4%; Score 19.4; DB 21; Length 4192;
Best Local Similarity 95.2%; Pred. No. 13;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAAGAGTT 21
Db 3531 GTGGTGTACAGGAAGAGTT 3551

RESULT 7
US-10-782-413-53
; Sequence 53, Application US/10782413
; Publication No. US20050048326A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Yixin
; TITLE OF INVENTION: Colorectal Cancer Diagnostics, Inc.
; FILE REFERENCE: VDX-5002 CIP
; CURRENT APPLICATION NUMBER: US/10/782,413
; CURRENT FILING DATE: 2004-02-18
; PRIOR APPLICATION NUMBER: 10-651,237
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 53
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: human
; US-10-782-413-53

Query Match 92.4%; Score 19.4; DB 21; Length 4192;
Best Local Similarity 95.2%; Pred. No. 13;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGGTGTACAGGAAGAGTT 21
Db 3531 GTGGTGTACAGGAAGAGTT 3551

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RESULT 5
US-10-384-339C-30
; Sequence 30, Application US/10384339C
; Publication No. US20040175703A1
; GENERAL INFORMATION:
; APPLICANT: Kreuter, Roland
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF A TARGET GE
; FILE REFERENCE: 2002001/2002
; CURRENT APPLICATION NUMBER: US/10/384,339C
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00152
; PRIOR FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: DE 10100586.5
; PRIOR FILING DATE: 2001-01-09
; PRIOR APPLICATION NUMBER: DE 10155280.7
; PRIOR FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: DE 10158411.3
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: DE 10160151.4
; PRIOR FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 30
; LENGTH: 3840

RESULT 8
 US-10-072-621-2
 / Sequence 2, Application US/10072621
 / GENERAL INFORMATION
 / APPLICANT: Reiner, Peter B.
 / APPLICANT: Connop, Bruce P.
 / APPLICANT: Pollard, Michelle
 / TITLE OF INVENTION: REGULATION OF AMYLOID PRECURSOR PROTEIN EXPRESSION
 / TITLE OF INVENTION: BY MODIFICATION OF ABC TRANSPORTER EXPRESSION OR ACTIVITY
 / FILE REFERENCE: 100103 402
 / CURRENT APPLICATION NUMBER: US/10/072.621
 / CURRENT FILING DATE: 2002-02-08
 / NUMBER OF SEQ ID NOS: 10
 / SOFTWARE: PastSeq for Windows Version 4.0
 / SEQ ID NO: 2
 / LENGTH: 4643
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 US-10-072-621-2

Query Match 92.4%; Score 19.4; DB 13; Length 4643;
 Best Local Similarity 95.2%; Pred. No. 14;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Qy 1 GTGGTGTACAGGAGGTT 21
 Db 3836 GTGGTGTACAGGAGGATT 3856

RESULT 10
 US-10-007-926A-258
 / Sequence 258, Application US/10007926A
 / Publication No. US2003014359A1
 / GENERAL INFORMATION
 / APPLICANT: BERTUCCI, FRANCOIS
 / APPLICANT: HOULIGATTE, REMI
 / APPLICANT: BIRNBAUM, DANIEL
 / APPLICANT: NGUYEN, CATHERINE
 / APPLICANT: VIENS, PARTRICE
 / APPLICANT: FERET, VINCENT
 / TITLE OF INVENTION: GENE EXPRESSION PROFILING OF PRIMARY BREAST CARCINOMAS
 / TITLE OF INVENTION: USING ARRAYS OF CANDIDATE GENES
 / FILE REFERENCE: 1546-R-00
 / CURRENT APPLICATION NUMBER: US/10/007,926A
 / CURRENT FILING DATE: 2001-12-07
 / PRIOR APPLICATION NUMBER: 60/254,090
 / PRIOR FILING DATE: 2000-12-08
 / NUMBER OF SEQ ID NOS: 468
 / SEQ ID NO: 258
 / LENGTH: 4643
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / FEATURE:
 / OTHER INFORMATION: atp-binding cassette, sub-family b
 / OTHER INFORMATION: (mdr/cap), member 1 (ABCB1) gene.
 US-10-007-926A-258

Query Match 92.4%; Score 19.4; DB 15; Length 4643;
 Best Local Similarity 95.2%; Pred. No. 14;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Qy 1 GTGGTGTACAGGAGGTT 21
 Db 3836 GTGGTGTACAGGAGGATT 3856

RESULT 11
 US-10-484-577-673/C
 / Sequence 673, Application US/10484577
 / Publication No. US20050032724A1
 / GENERAL INFORMATION
 / APPLICANT: EPIDAUROS Biotechnology Aktiengesellschaft
 / TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UGT1
 / FILE REFERENCE: F2285PCT-1
 / CURRENT APPLICATION NUMBER: US/10/484,577
 / CURRENT FILING DATE: 2004-01-22
 / PRIOR APPLICATION NUMBER: PCT/EP 02/08220
 / PRIOR FILING DATE: 2002-07-23
 / PRIOR APPLICATION NUMBER: EP 01 11 760B.8
 / PRIOR FILING DATE: 2001-07-23
 / PRIOR APPLICATION NUMBER: EP 02011710.7
 / PRIOR FILING DATE: 2002-05-24
 / NUMBER OF SEQ ID NOS: 683
 / SOFTWARE: PatentIn version 3.1
 / SEQ ID NO: 673
 / LENGTH: 98472

RESULT 9
 US-10-097-340-1
 / Sequence 1, Application US/10097340
 / GENERAL INFORMATION
 / APPLICANT: John MONAHAN
 / APPLICANT: Manjula GANNAVAPU
 / APPLICANT: Sebastian HOERSCH
 / APPLICANT: Shubhangi KAMATKAR
 / APPLICANT: Steve G. KOVATS
 / APPLICANT: Rachel E. MEYERS
 / APPLICANT: Michael MORRISEY
 / APPLICANT: Peter OLANDT
 / APPLICANT: Ami SEN
 / APPLICANT: Peter VEIBY
 / APPLICANT: Gordon B. MILLS
 / APPLICANT: Robert C. BAST, JR.
 / APPLICANT: Karen LU
 / APPLICANT: Rosemarie SCHMANDT
 / APPLICANT: Xumei ZHAO
 / APPLICANT: Karen GLAETZ
 / TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification, Prevention, and Therapy of Ovarian Cancer
 / FILE REFERENCE: MRI-010
 / CURRENT APPLICATION NUMBER: US/10/097,340
 / CURRENT FILING DATE: 2002-03-14
 / PRIOR APPLICATION NUMBER: 60/276,025
 / PRIOR FILING DATE: 2001-03-14
 / PRIOR APPLICATION NUMBER: 60/325,149
 / PRIOR FILING DATE: 2001-09-26
 / PRIOR APPLICATION NUMBER: 60/276,026
 / PRIOR FILING DATE: 2001-03-14
 / PRIOR APPLICATION NUMBER: 60/324,967
 / PRIOR FILING DATE: 2001/09/26
 / PRIOR APPLICATION NUMBER: 60/311,732
 / PRIOR FILING DATE: 2001-08-10
 / PRIOR APPLICATION NUMBER: 60/325,102
 / PRIOR FILING DATE: 2001-09-26
 / PRIOR APPLICATION NUMBER: 60/323,580
 / PRIOR FILING DATE: 2001-09-19
 / NUMBER OF SEQ ID NOS: 363
 / SOFTWARE: PastSeq for Windows Version 4.0

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; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-484-577-673
Query Match 92.4%; Score 19.4%; DB 21; Length 98472;
Best Local Similarity 95.2%; Pred. No. 17;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 GTGGTGTACAGGAAGAGTT 21
Db 43288 GTGGTGTACAGGAAGAGTT 43268

RESULT 12
US-10-484-577-675
; Sequence 675, Application US/10484577
; Publication No. US20050032724A1
; GENERAL INFORMATION:
; APPLICANT: EPIDAUROS Biotechnologie Aktiengesellschaft
; TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UGT1A
; FILE REFERENCE: F2285PCV-1
; CURRENT APPLICATION NUMBER: US/10/484,577
; CURRENT FILING DATE: 2004-01-22
; PRIOR APPLICATION NUMBER: PCT/EP 02/08220
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: EP 01 11 7608.8
; PRIOR FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: EP 02011710.7
; PRIOR FILING DATE: 2002-05-24
; NUMBER OF SEQ ID NOS: 683
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 675
; LENGTH: 247
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-484-577-675

Query Match 97.6%; Score 18.4%; DB 21; Length 247;
Best Local Similarity 95.0%; Pred. No. 35;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 GTGGTGTACAGGAAGAGTT 20
Db 156 GTGGTGTACAGGAAGAGTT 175

RESULT 15
US-10-188-359-177
; Sequence 177, Application US/10188359
; Publication No. US200301581A1
; GENERAL INFORMATION:
; APPLICANT: PUDAKIS, Tony N.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INFERRING A RESPONSE TO A STATIN
; FILE REFERENCE: DNA1150-3
; CURRENT APPLICATION NUMBER: US/10/188,359
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: US 60/301,867
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/310,783
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: US 60/322,478
; PRIOR FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 234
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 177
; LENGTH: 430
; TYPE: DNA
; ORGANISM: Homo sapiens
FEATURE: misc_feature
NAME/KEY: misc_feature
LOCATION: (11)..(128993)
OTHER INFORMATION: n=a, c, g or t
SEQ ID NO: 681
LENGTH: 128993

RESULT 13
US-09-801-274-262
; Sequence 262, Application US/09801274
; Patent No. US2002002319A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2835-2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FASTSEQ For Windows Version 4.0
; SEQ ID NO: 262
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
RESULT 14
US-10-484-577-675
; Sequence 675, Application US/10484577
; Publication No. US20050032724A1
; GENERAL INFORMATION:
; APPLICANT: EPIDAUROS Biotechnologie Aktiengesellschaft
; TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UGT1A
; FILE REFERENCE: F2285PCV-1
; CURRENT APPLICATION NUMBER: US/10/484,577
; CURRENT FILING DATE: 2004-01-22
; PRIOR APPLICATION NUMBER: PCT/EP 02/08220
; PRIOR APPLICATION NUMBER: EP 01 11 7608.8
; PRIOR FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: EP 02011710.7
; PRIOR FILING DATE: 2002-05-24
; NUMBER OF SEQ ID NOS: 683
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 675
; LENGTH: 247
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-484-577-675

Query Match 97.6%; Score 18.4%; DB 21; Length 247;
Best Local Similarity 95.0%; Pred. No. 35;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 GTGGTGTACAGGAAGAGTT 21
Db 43118 GTGGTGTACAGGAAGAGTT 43148

RESULT 13
US-09-801-274-262
; Sequence 262, Application US/09801274
; Patent No. US2002002319A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2835-2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FASTSEQ For Windows Version 4.0
; SEQ ID NO: 262
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
FEATURE: misc_feature
NAME/KEY: misc_feature
LOCATION: (212)..(212)
OTHER INFORMATION: n = c or t
US-10-188-359-177

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Query Match      87.6%;  Score 18.4;  DB 17;  Length 430;
Best Local Similarity 95.0%;  Pred. No. 36;
Matches 19;  Conservative 0;  Mismatches 1;  Indels 0;  Gaps 0;
Gaps
1  GTCGCTTCACAGGAAGAGT 20
2  GTCGCTTCACAGGAAGAGT 211
3  GTCGCTTCACAGGAAGAGT 211

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Search completed: September 20, 2005, 18:18:05
Job time : 2358.33 secs

Result No.	Score	Query	Match	Length	DB	ID	Description
1	18.4	87.6	511	4	US-09-270-767-6977	Sequence 6977, Ap	RESULT 1 US-09-270-767-6977 ; Sequence 6977, Application US/09270767 ; Patent No. 6703491 ; GENERAL INFORMATION: ; APPLICANT: Homburger et al. ; TITLE OF INVENTION: Nucleic acids and proteins of <i>Drosophila melanogaster</i> ; FILE REFERENCE: File Reference: 7326-094 ; CURRENT APPLICATION NUMBER: US/09/270,767 ; CURRENT FILING DATE: 1999-03-17 ; NUMBER OF SEQ ID NOS: 62517 ; SOFTWARE: Patent-In Ver. 2.0 ; SEQ ID NO: 6977 ; LENGTH: 511 ; TYPE: DNA ; ORGANISM: <i>Drosophila melanogaster</i> ; US-09-270-767-6977
2	18.4	87.6	511	4	US-09-270-767-6977	Sequence 22259, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
3	17.8	84.8	601	4	US-09-270-767-6977	Sequence 21154, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
4	17.8	84.8	601	4	US-09-270-767-6977	Sequence 47522, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
5	17.8	84.8	1590	4	US-09-270-767-6977	Sequence 4, Appli	RESULT 2 US-09-270-767-22259 ; Sequence 22259, Application US/09270767 ; Patent No. 6703491 ; GENERAL INFORMATION: ; APPLICANT: Homburger et al. ; TITLE OF INVENTION: Nucleic acids and proteins of <i>Drosophila melanogaster</i> ; FILE REFERENCE: File Reference: 7326-094 ; CURRENT APPLICATION NUMBER: US/09/270,767 ; CURRENT FILING DATE: 1999-03-17 ; NUMBER OF SEQ ID NOS: 62517 ; SOFTWARE: Patent-In Ver. 2.0 ; SEQ ID NO: 22259 ; LENGTH: 511 ; TYPE: DNA ; ORGANISM: <i>Drosophila melanogaster</i> ; US-09-270-767-22259
6	17.8	84.8	2001	4	US-09-270-767-22259	Sequence 15, Appli	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
7	17.8	84.8	2076	4	US-09-270-767-22259	Sequence 1, Appli	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
8	17.8	84.8	2257	4	US-09-270-767-22259	Sequence 6, Appli	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
9	17.8	84.8	601	4	US-09-270-767-22259	Sequence 2827, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
10	17.8	84.8	2827	4	US-09-270-767-22259	Sequence 20, Appli	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
11	17.8	84.8	31467	4	US-09-270-767-22259	Sequence 13134, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
12	17.8	84.8	17868	4	US-09-270-767-22259	Sequence 11907, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
13	17.4	82.9	23902	4	US-09-270-767-22259	Sequence 14220, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
14	17.4	82.9	139562	4	US-09-270-767-22259	Sequence 13451, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
15	16.8	80.0	44	4	US-09-270-767-22259	Sequence 4, Appli	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
16	16.2	77.1	601	4	US-09-270-767-22259	Sequence 25324, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
17	16.2	77.1	601	4	US-09-270-767-22259	Sequence 13521, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
18	16.2	77.1	28596	4	US-09-270-767-22259	Sequence 16319, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
19	16.2	77.1	800	3	US-09-270-767-22259	Sequence 676, Appli	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
20	16.2	77.1	1591	4	US-09-270-767-22259	Sequence 17, Appli	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
21	16.2	77.1	9052	4	US-09-270-767-22259	Sequence 15529, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
22	16.2	77.1	7051	4	US-09-270-767-22259	Sequence 16887, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
23	16.2	77.1	39920	4	US-09-270-767-22259	Sequence 13687, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
24	16.2	77.1	853369	4	US-09-270-767-22259	Sequence 12171, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
25	16.2	77.1	87562	4	US-09-270-767-22259	Sequence 13685, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
26	16.2	77.1	187848	4	US-09-270-767-22259	Sequence 12111, A	Query Match 87.6%; Score 18.4; DB 4; Length 511; Best Local Similarity 95.0%; Pred. No. 8.4; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

ALIGNMENTS

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Db 413 ||||||| ||||||| ||||| CTTAGGCCAGAGGGCTGC 432

RESULT 3

US-09-949-016-21154/c

Sequence 21154, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: C1001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO: 21154

LENGTH: 601

TYPE: DNA

ORGANISM: Human

US-09-949-016-21154

Query Match 84.8%; Score 17.8; DB 4; Length 601;

Best Local Similarity 90.5%; Pred. No. 17;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 ACTATAGGCCAGAGGGCTGC 21

Db 407 ||||||| ||||||| ||||| 387

RESULT 4

US-09-949-016-47522/c

Sequence 47522, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: C1001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO: 47522

LENGTH: 601

TYPE: DNA

ORGANISM: Human

US-09-949-016-47522

Query Match 84.8%; Score 17.8; DB 4; Length 601;

Best Local Similarity 90.5%; Pred. No. 17;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 ACTATAGGCCAGAGGGCTGC 21

Db 407 ACTATAGGCCAGAGGTGTCAC 387

RESULT 5

US-09-554-726A-4

Sequence 4, Application US/09554726A

Patent No. 6642359

GENERAL INFORMATION:

APPLICANT: HERRMANN, Bernhard

APPLICANT: KOSCHORZ, Birgit

APPLICANT: KISPERT, Andreas

TITLE OF INVENTION: NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATION

FILE REFERENCE: 258.0009 0.01

CURRENT APPLICATION NUMBER: US/09/554,726A

CURRENT FILING DATE: 2000-05-18

PRIOR APPLICATION NUMBER: PCT/EP 98/07395

PRIOR FILING DATE: 1998-11-18

PRIOR APPLICATION NUMBER: EP 98 10 3596.7

PRIOR FILING DATE: 1998-03-02

PRIOR APPLICATION NUMBER: EP 97 12 0190.0

PRIOR FILING DATE: 1997-11-18

NUMBER OF SEQ ID NOS: 53

SOFTWARE: PatentIn version 3.1

SEQ ID NO: 4

LENGTH: 1590

TYPE: DNA

ORGANISM: Mus musculus

FEATURE:

NAME/KEY: CDS

LOCATION: (91)..(1542)

OTHER INFORMATION:

US-09-554-726A-4

Query Match 84.8%; Score 17.8; DB 4; Length 1590;

Best Local Similarity 90.5%; Pred. No. 19;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 ACTATAGGCCAGAGGGCTGC 21

Db 127 ACTATGGCCAGGGGGCTGC 147

RESULT 6

US-09-554-726A-15

Sequence 15, Application US/09554726A

Patent No. 6642359

GENERAL INFORMATION:

APPLICANT: HERRMANN, Bernhard

APPLICANT: KOSCHORZ, Birgit

APPLICANT: KISPERT, Andreas

TITLE OF INVENTION: NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATION

FILE REFERENCE: 258.0009 0.01

CURRENT APPLICATION NUMBER: US/09/554,726A

CURRENT FILING DATE: 2000-05-18

PRIOR APPLICATION NUMBER: PCT/EP 98/07395

PRIOR FILING DATE: 1998-11-18

PRIOR APPLICATION NUMBER: EP 98 10 3596.7

PRIOR FILING DATE: 1998-03-02

PRIOR APPLICATION NUMBER: EP 97 12 0190.0

PRIOR FILING DATE: 1997-11-18

NUMBER OF SEQ ID NOS: 53

SOFTWARE: PatentIn version 3.1

SEQ ID NO: 15

LENGTH: 2001

TYPE: DNA

ORGANISM: Mus musculus

FEATURE:

NAME/KEY: CDS

LOCATION: (343)..(1641)

OTHER INFORMATION:

US-09-554-726A-15

Query Match 84.8%; Score 17.8; DB 4; Length 2001;

Best Local Similarity 90.5%; Pred. No. 20;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 ACTATAGGCCAGAGGGCTGC 21
 Db 379 ACTATGCCAGAGGGCTGC 399

RESULT 7
 US-09-554-726A-1
 / Sequence 1, Application US/09554726A
 / Patent No. 6642369
 / GENERAL INFORMATION:
 / APPLICANT: HERRMANN, Bernhard
 / APPLICANT: KISPERT, Birgit
 / APPLICANT: KISPERT, Andreas
 / TITLE OF INVENTION: NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATION
 / FILE REFERENCE: 258 .0009 0101
 / CURRENT APPLICATION NUMBER: US/09/554 .726A
 / CURRENT FILING DATE: 2000-05-18
 / PRIOR APPLICATION NUMBER: PCT/EP 98/07395
 / PRIOR FILING DATE: 1998-11-18
 / PRIOR APPLICATION NUMBER: EP 98 10 3596.7
 / PRIOR FILING DATE: 1998-03-02
 / PRIOR APPLICATION NUMBER: EP 97 12 0190.0
 / PRIOR FILING DATE: 1997-11-18
 / NUMBER OF SEQ ID NOS: 53
 / SOFTWARE: PatentIn version 3.1
 / SEQ ID NO: 1
 / LENGTH: 2076
 / TYPE: DNA
 / ORGANISM: Mus musculus
 / FEATURE:
 / NAME/KEY: CDS
 / LOCATION: (337) .. (1788)
 / OTHER INFORMATION:
 US-09-554-726A-1

Query Match 84.8%; Score 17.8; DB 4; Length 2076;
 Best Local Similarity 90.5%; Pred. No. 20;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 ACTATAGGCCAGAGGGCTGC 21
 Db 379 ACTATGCCAGAGGGCTGC 399

RESULT 8
 US-09-554-726A-6
 / Sequence 6, Application US/09554726A
 / Patent No. 6642369
 / GENERAL INFORMATION:
 / APPLICANT: HERRMANN, Bernhard
 / APPLICANT: KISPERT, Birgit
 / APPLICANT: KISPERT, Andreas
 / TITLE OF INVENTION: NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATION
 / FILE REFERENCE: 258 .0009 0101
 / CURRENT APPLICATION NUMBER: US/09/554 .726A
 / CURRENT FILING DATE: 2000-05-18
 / PRIOR APPLICATION NUMBER: PCT/EP 98/07395
 / PRIOR FILING DATE: 1998-11-18
 / PRIOR APPLICATION NUMBER: EP 98 10 3596.7
 / PRIOR FILING DATE: 1998-03-02
 / PRIOR APPLICATION NUMBER: EP 97 12 0190.0
 / SEQ ID NO: 6
 / SOFTWARE: PatentIn version 3.1
 / TYPE: DNA
 / ORGANISM: Mus musculus
 / FEATURE:
 / NAME/KEY: CDS

RESULT 9
 US-09-554-726A-11
 / Sequence 11, Application US/09554726A
 / Patent No. 6642369
 / GENERAL INFORMATION:
 / APPLICANT: HERRMANN, Bernhard
 / APPLICANT: KOSCZORZ, Birgit
 / APPLICANT: KISPERT, Andreas
 / TITLE OF INVENTION: NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATION
 / FILE REFERENCE: 258 .0009 0101
 / CURRENT APPLICATION NUMBER: US/09/554 .726A
 / CURRENT FILING DATE: 2000-05-18
 / PRIOR APPLICATION NUMBER: PCT/EP 98/07395
 / PRIOR FILING DATE: 1998-11-18
 / PRIOR APPLICATION NUMBER: EP 98 10 3596.7
 / PRIOR FILING DATE: 1998-03-02
 / PRIOR APPLICATION NUMBER: EP 97 12 0190.0
 / PRIOR FILING DATE: 1997-11-18
 / SOFTWARE: PatentIn version 3.1
 / SEQ ID NO: 11
 / LENGTH: 2827
 / TYPE: DNA
 / ORGANISM: Mus musculus
 / FEATURE:
 / NAME/KEY: CDS
 / LOCATION: (524) .. (1975)
 / OTHER INFORMATION:
 US-09-554-726A-11

Query Match 84.8%; Score 17.8; DB 4; Length 2827;
 Best Local Similarity 90.5%; Pred. No. 21;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 ACTATAGGCCAGAGGGCTGC 21
 Db 560 ACTATGGCCAGGGGGCTGC 580

RESULT 10
 US-09-554-726A-20
 / Sequence 20, Application US/09554726A
 / Patent No. 6642369
 / GENERAL INFORMATION:
 / APPLICANT: HERRMANN, Bernhard
 / APPLICANT: KOSCZORZ, Birgit
 / APPLICANT: KISPERT, Andreas
 / TITLE OF INVENTION: NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATION
 / FILE REFERENCE: 258 .0009 0101
 / CURRENT APPLICATION NUMBER: US/09/554 .726A
 / CURRENT FILING DATE: 2000-05-18
 / PRIOR APPLICATION NUMBER: PCT/EP 98/07395
 / PRIOR FILING DATE: 1998-11-18
 / PRIOR APPLICATION NUMBER: EP 98 10 3596.7
 / PRIOR FILING DATE: 1998-03-02
 / PRIOR APPLICATION NUMBER: EP 97 12 0190.0
 / SEQ ID NO: 6
 / SOFTWARE: PatentIn version 3.1
 / TYPE: DNA
 / ORGANISM: Mus musculus
 / FEATURE:
 / NAME/KEY: CDS


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; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 13451
; LENGTH: 139562
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(139562)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-13451

Query Match          82.9%;  Score 17.4;  DB 4;  Length 139562;
Best Local Similarity 94.4%;  Pred. No. 53;
Matches 18;  Conservative 0;  Mismatches 1;  Indels 0;  Gaps 0;
Qy      3 TATAGGCCAGAGGGCTG 21
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Db      72319 TAGAGGCCAGAGGGCTG 72301

RESULT 15
US-09-679-451-4/C
Sequence 4, Application US/09679451
Patent No. 6503713
GENERAL INFORMATION:
APPLICANT: Rana, T.
TITLE OF INVENTION: METHODS FOR IDENTIFYING RNA BINDING COMPOUNDS
FILE REFERENCE: 1589-004
CURRENT APPLICATION NUMBER: US/09/679,451
CURRENT FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: 60/157,646
PRIOR FILING DATE: 1999-10-04
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO: 4
LENGTH: 44
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
ORGANISM: Artificial Sequence
OTHER INFORMATION: Template strand
US-09-679-451-4

Query Match          80.0%;  Score 16.8;  DB 4;  Length 44;
Best Local Similarity 90.0%;  Pred. No. 40;
Matches 18;  Conservative 0;  Mismatches 2;  Indels 0;  Gaps 0;
Qy      1 ACTATAGGCCAGAGGGCTG 20
        ||||| ||||| ||||| ||||| |
Db      33 ACTATAGGCCAGAGGGCTG 14

Search completed: September 20, 2005, 00:39:47
Job time : 95.3333 secs

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Result No.	Score	Query Match	Length	DB ID	Description	FEATURE:
1	21	100.0	21	19	US-10-009-757-3	Sequence 3, Appli
2	21	100.0	21	19	US-10-009-757-10	Sequence 10, Appli
3	21	100.0	472	9	US-09-864-761-10906	Sequence 10906, A
4	21	100.0	1021	17	US-10-021-039-25	Sequence 25, Appli
5	21	100.0	9472	21	US-10-084-577-673	Sequence 673, App
6	21	100.0	12993	21	US-10-048-577-681	Sequence 1419, App
7	20.6	98.1	41	18	US-10-035-833A-3867	Sequence 177, App
c	8	20.6	98.1	430	17	US-10-188-359-177
c	9	20.6	84.8	1590	17	US-10-054-224-4
c	10	17.8	84.8	2001	17	US-10-054-224-15
c	11	17.8	84.8	2076	17	US-10-054-224-1
c	12	17.8	84.8	2257	17	US-10-054-224-6
c	13	17.8	84.8	2257	17	US-10-054-224-6
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c	15	17.8	84.8	2827	10	US-10-054-224-20
c	16	17.8	84.8	38186	10	US-09-373-658-38
c	17	17.8	84.8	38186	11	US-09-989-667-38
c	18	17.4	82.9	836	13	US-10-231-956A-57
c	19	17.4	82.9	836	13	US-10-027-632-134995
c	20	17.4	82.9	1400	21	US-10-956-157-7135
c	21	17.4	82.9	2187	13	Sequence 111333, A
c	22	17.4	82.9	2187	17	US-10-027-632-111333
c	23	17.4	82.9	6014	18	US-10-231-956A-57
c	24	17.4	82.9	6014	21	US-10-956-157-1900
c	25	17.4	82.9	6153	14	US-10-198-946-12387
c	26	16.8	80.0	44	16	Sequence 12987, A
c	27	16.8	80.0	622	13	US-10-295-761-4
c	28	16.8	80.0	622	13	US-10-027-632-22110
c	29	16.8	80.0	622	17	US-10-027-632-22110
c	30	16.8	80.0	622	17	US-10-027-632-22110
c	31	16.8	80.0	655	13	US-10-027-632-244544
c	32	16.8	80.0	655	17	US-10-027-632-244544
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c	34	16.8	80.0	772	13	Sequence 22110, A
c	35	16.8	80.0	772	17	US-10-027-632-22110
c	36	16.8	80.0	787	13	US-10-027-632-157747
c	37	16.8	80.0	787	17	US-10-027-632-157747
c	38	16.8	80.0	825	13	US-10-027-632-153924
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c	40	16.8	80.0	1243	18	Sequence 143988, A
c	41	16.8	80.0	1307	20	US-10-025-114-34784
c	42	16.8	80.0	1405	18	US-10-042-599-24562
c	43	16.8	80.0	7612	9	US-09-764-969-2223
c	44	16.8	80.0	7612	14	US-10-091-504-2223
c	45	16.8	80.0	7612	17	US-10-227-577-2223

Qy 1 ACTATAGGCCAGAGGGCTGC 21
 Db 1 ACTATAGGCCAGAGGGCTGC 21

RESULT 2
 US-10-809-757-10
 Sequence 10, Application US/10809757
 GENERAL INFORMATION
 Publication No. US20040191822A1
 APPLICANT: Yates, Charles R.
 APPLICANT: Miller, Duane
 APPLICANT: Gourley, Dick
 APPLICANT: Song, Pengfei
 TITLE OF INVENTION: Real-Time Polymerase Chain Reaction-Based Genotyping Assay for Single Nucleotide Polymorphism
 FILE REFERENCE: D502
 CURRENT APPLICATION NUMBER: US/10/809,757
 CURRENT FILING DATE: 2004-03-25
 PRIOR APPLICATION NUMBER: US 60/457,512
 PRIOR FILING DATE: 2003-03-25
 NUMBER OF SEQ ID NOS: 16
 SEQ ID NO: 10
 LENGTH: 10
 TYPE: DNA
 ORGANISM: Artificial sequence
 FEATURE: primer bind
 NAME/KEY: primer bind
 OTHER INFORMATION: antisense primer for sequencing the C3435T locus
 US-10-809-757-10

Query Match 100.0%; Score 21; DB 19; Length 21;
 Best Local Similarity 100.0%; Pred. No. 1.6;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 ACTATAGGCCAGAGGGCTGC 21
 Db 1 ACTATAGGCCAGAGGGCTGC 21

RESULT 3
 US-09-864-761-10906
 Sequence 10906, Application US/09864761
 GENERAL INFORMATION
 Patent No. US20020048763A1
 APPLICANT: Penn, Sharron G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Wenheng
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR GENE EXPRESSION ANALYSIS BY MICROARRAY
 FILE REFERENCE: AgniciaX-1
 CURRENT APPLICATION NUMBER: US/09/864,761
 CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-05-21
 PRIOR APPLICATION NUMBER: US 09/608,408
 PRIOR FILING DATE: 2000-05-30
 PRIOR APPLICATION NUMBER: US 09/774,203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: Amanox Sequence Listing Engine vers. 1.1
 SEQ ID NO 10906
 LENGTH: 472
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO AC005068.1
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.5
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.97
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.5
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 5
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1
 US-09-864-761-10906

RESULT 4
 US-10-321-039-25
 Sequence 25, Application US/10321039
 Publication No. US20040014067A1
 GENERAL INFORMATION
 APPLICANT: Lukashchev, Victor
 APPLICANT: Lukashchev, David
 APPLICANT: Jarvis, Nancy
 APPLICANT: Kuzensky, David
 TITLE OF INVENTION: Amplification Methods and Compositions
 FILE REFERENCE: FORS-06960
 CURRENT APPLICATION NUMBER: US/10/321,039
 CURRENT FILING DATE: 2002-12-17
 PRIOR APPLICATION NUMBER: 09/998,157
 PRIOR FILING DATE: 2001-11-30
 PRIOR APPLICATION NUMBER: 60/329,113
 PRIOR FILING DATE: 2001-10-12
 PRIOR APPLICATION NUMBER: 60/360,489
 PRIOR FILING DATE: 2001-01-19
 NUMBER OF SEQ ID NOS: 759
 SOFTWARE: Patentin version 3.2
 SEQ ID NO 25
 LENGTH: 1021
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (561)..(561)

; OTHER INFORMATION: n can be g or a.

US-10-321-039-25
 Query Match 100.0%; Score 21; DB 17; Length 1021;
 Best Local Similarity 100.0%; Pred. No. 1.2;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 ACTATAGGCCAGAGGCCAG 21
 Db 448 ACTATAGGCCAGAGGCCAG 468

RESULT 5
 US-10-484-577-673
 Sequence 673, Application US/10484577
 Publication No. US20050032724A1
 GENERAL INFORMATION:
 APPLICANT: EPIDAURUS Biotechnologie Aktiengesellschaft
 TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UGT1A
 FILE REFERENCE: F22B5PCT-1
 CURRENT APPLICATION NUMBER: US/10/484,577
 CURRENT FILING DATE: 2004-01-22
 PRIOR APPLICATION NUMBER: PCT/EP 02/08220
 PRIOR FILING DATE: 2002-07-23
 PRIOR APPLICATION NUMBER: EP 01 11 7608.8
 PRIOR FILING DATE: 2001-07-23
 PRIOR APPLICATION NUMBER: EP 02011710.7
 PRIOR FILING DATE: 2002-05-24
 NUMBER OF SEQ ID NOS: 683
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 673
 LENGTH: 98472
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-484-577-673
 Query Match 100.0%; Score 21; DB 21; Length 98472;
 Best Local Similarity 100.0%; Pred. No. 0.93; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 ACTATAGGCCAGAGGCCAG 21
 Db 43155 ACTATAGGCCAGAGGCCAG 43175

RESULT 6
 US-10-484-577-681
 Sequence 681, Application US/10484577
 Publication No. US20050032724A1
 GENERAL INFORMATION:
 APPLICANT: EPIDAURUS Biotechnologie Aktiengesellschaft
 TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UGT1A
 FILE REFERENCE: F22B5PCT-1
 CURRENT APPLICATION NUMBER: US/10/484,577
 CURRENT FILING DATE: 2004-01-22
 PRIOR APPLICATION NUMBER: PCT/EP 02/08220
 PRIOR FILING DATE: 2002-07-23
 PRIOR APPLICATION NUMBER: EP 01 11 7608.8
 PRIOR FILING DATE: 2002-05-24
 NUMBER OF SEQ ID NOS: 683
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 681
 LENGTH: 128993
 TYPE: DNA
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)..(128993
 OTHER INFORMATION: n=a, c, g or t
 US-10-484-577-681
 Query Match 100.0%; Score 21; DB 21; Length 128993;
 Best Local Similarity 100.0%; Pred. No. 0.92; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 ACTATAGGCCAGAGGCCAG 21
 Db 43035 ACTATAGGCCAGAGGCCAG 43055

RESULT 7
 US-10-035-833A-1419/c
 Sequence 1419, Application US/10035833A
 Publication No. US20040072156A1
 GENERAL INFORMATION:
 APPLICANT: Nakamura, Yuho
 SEKINE, Akihiro
 APPLICANT: Iida, Aritoshi
 APPLICANT: Saito, Osamu
 TITLE OF INVENTION: Detection of Genetic Polymorphisms
 FILE REFERENCE: FORS-06904
 CURRENT APPLICATION NUMBER: US/10/035, 833A
 CURRENT FILING DATE: 2001-12-27
 NUMBER OF SEQ ID NOS: 7669
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 1419
 LENGTH: 41
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-035-833A-1419
 Query Match 98.1%; Score 20.6; DB 18;
 Best Local Similarity 95.2%; Pred. No. 2.4; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 ACTATAGGCCAGAGGCCAG 21
 Db 21 MCTATAGGCCAGAGGCCAG 1

RESULT 8
 US-10-035-833A-3887/c
 Sequence 3887, Application US/10035833A
 Publication No. US20040072156A1
 GENERAL INFORMATION:
 APPLICANT: Nakamura, Yuho
 SEKINE, Akihiro
 APPLICANT: Iida, Aritoshi
 APPLICANT: Saito, Osamu
 TITLE OF INVENTION: Detection of Genetic Polymorphisms
 FILE REFERENCE: FORS-06904
 CURRENT APPLICATION NUMBER: US/10/035, 833A
 CURRENT FILING DATE: 2001-12-27
 NUMBER OF SEQ ID NOS: 7669
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 3887
 LENGTH: 41
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-035-833A-3887
 Query Match 98.1%; Score 20.6; DB 18;
 Best Local Similarity 95.2%; Pred. No. 2.4; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 ACTATAGGCCAGAGGCCAG 21
 Db 21 MCTATAGGCCAGAGGCCAG 1

RESULT 9
 US-10-188-359-177/c
 Sequence 177, Application US/10188359

Publication No. US20030215819A1
 GENERAL INFORMATION:
 APPLICANT: DNA Print Genomics, Inc.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INFERRING A RESPONSE TO A STATIN
 FILE REFERENCE: DNA1150-3
 CURRENT FILING DATE: US/10/188-359
 CURRENT APPLICATION NUMBER: US 60/301,867
 PRIOR APPLICATION NUMBER: US 60/301,867
 PRIOR FILING DATE: 2002-07-01
 PRIOR APPLICATION NUMBER: US 60/310,783
 PRIOR FILING DATE: 2001-08-07
 PRIOR APPLICATION NUMBER: US 60/322,478
 PRIOR FILING DATE: 2001-09-13
 NUMBER OF SEQ ID NOS: 234
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 177
 LENGTH: 430
 TYPE: DNA
 ORGANISM: Homo sapiens ABC11045642 665
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (212)..(212)
 OTHER INFORMATION: n = c or t

Qy 1 ACTATAGGCCAGAGGGCTGC 21
 Db 325 MCTATAGGCCAGAGGGCTGC 305

RESULT 10
 US-10-454-224-4
 Sequence 4, Application US/10454224
 Publication No. US20040010814A1
 GENERAL INFORMATION:
 APPLICANT: HERRMANN, Bernhard
 APPLICANT: KOSCHORZ, Birgit
 APPLICANT: KISPERT, Andreas
 TITLE OF INVENTION: NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATION
 TITLE OF INVENTION: THEREOF
 FILE REFERENCE: 258 0009 0101
 CURRENT APPLICATION NUMBER: US/10/454,224
 CURRENT FILING DATE: 2003-06-04
 PRIOR APPLICATION NUMBER: US/09/554,726A
 PRIOR FILING DATE: 2000-05-18
 PRIOR APPLICATION NUMBER: PCT/EP 98/07395
 PRIOR FILING DATE: 1998-11-18
 PRIOR APPLICATION NUMBER: EP 98 10 3596.7
 PRIOR FILING DATE: 1998-03-02
 PRIOR APPLICATION NUMBER: EP 97 12 0190.0
 PRIOR FILING DATE: 1997-11-18
 NUMBER OF SEQ ID NOS: 53
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 4
 LENGTH: 1590
 TYPE: DNA
 ORGANISM: Mus musculus
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (91)..(1542)
 OTHER INFORMATION:

Qy 1 ACTATAGGCCAGAGGGCTGC 21

Query Match 84.8%; Score 17.8; DB 17; Length 1590;
 Best Local Similarity 90.5%; Pred. No. 47;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 GapS 0;

Db 127 ACTATGGCCAGAGGGCTGC 147
 RESULT 11
 US-10-454-224-15
 Sequence 15, Application US/10454224
 Publication No. US20040010814A1
 GENERAL INFORMATION:
 APPLICANT: HERRMANN, Bernhard
 APPLICANT: KOSCHORZ, Birgit
 APPLICANT: KISPERT, Andreas
 TITLE OF INVENTION: NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATION
 TITLE OF INVENTION: THEREOF
 FILE REFERENCE: 258 0009 0101
 CURRENT APPLICATION NUMBER: US/10/454,224
 CURRENT FILING DATE: 2003-06-04
 PRIOR APPLICATION NUMBER: US/09/554,726A
 PRIOR FILING DATE: 2000-05-18
 PRIOR APPLICATION NUMBER: PCT/EP 98/07395
 PRIOR FILING DATE: 1998-11-18
 PRIOR APPLICATION NUMBER: EP 98 10 3596.7
 PRIOR FILING DATE: 1998-03-02
 PRIOR APPLICATION NUMBER: EP 97 12 0190.0
 PRIOR FILING DATE: 1997-11-18
 NUMBER OF SEQ ID NOS: 53
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 1
 LENGTH: 2076
 TYPE: DNA
 ORGANISM: Mus musculus

Query Match 84.8%; Score 17.8; DB 17; Length 2001;
 Best Local Similarity 90.5%; Pred. No. 46;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 GapS 0;

Db 379 ACTATGGCCAGAGGGCTGC 399
 RESULT 12
 US-10-454-224-1
 Sequence 1, Application US/10454224
 Publication No. US20040010814A1
 GENERAL INFORMATION:
 APPLICANT: HERRMANN, Bernhard
 APPLICANT: KOSCHORZ, Birgit
 APPLICANT: KISPERT, Andreas
 TITLE OF INVENTION: NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATION
 TITLE OF INVENTION: THEREOF
 FILE REFERENCE: 258 0009 0101
 CURRENT APPLICATION NUMBER: US/10/454,224
 CURRENT FILING DATE: 2003-06-04
 PRIOR APPLICATION NUMBER: US/09/554,726A
 PRIOR FILING DATE: 2000-05-18
 PRIOR APPLICATION NUMBER: PCT/EP 98/07395
 PRIOR FILING DATE: 1998-11-18
 PRIOR APPLICATION NUMBER: EP 98 10 3596.7
 PRIOR FILING DATE: 1998-03-02
 PRIOR APPLICATION NUMBER: EP 97 12 0190.0
 PRIOR FILING DATE: 1997-11-18
 NUMBER OF SEQ ID NOS: 53
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 1
 LENGTH: 2076
 TYPE: DNA
 ORGANISM: Mus musculus

FEATURE: NAME/KEY: CDS
 LOCATION: (337)..(1788)
 OTHER INFORMATION:
 US-10-454-224-1

Query Match 84.8%; Score 17.8; DB 17; Length 2076;
 Best Local Similarity 90.5%; Pred. No. 46;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 SEQ ID NO: 11 LENGTH: 2827

Qy 1 ACTATAGGCCAGAGGGCTGC 21
 Db 373 ACTATGGCCAGGGAGGCTGC 393

RESULT 13
 US-10-454-224-6

Sequence 6, Application US/10454224
 Publication No. US20040010814A1
 GENERAL INFORMATION:
 APPLICANT: HERMANN, Bernhard
 APPLICANT: KOSCHORZ, Birgit
 APPLICANT: KISPERT, Andreas
 TITLE OF INVENTION: NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATION
 FILE REFERENCE: 258_0009_0101
 CURRENT APPLICATION NUMBER: US/10/454,224
 CURRENT FILING DATE: 2003-06-04
 PRIOR APPLICATION NUMBER: US/09/554,726A
 PRIOR FILING DATE: 2000-05-18
 PRIOR APPLICATION NUMBER: PCT/EP 98/07395
 PRIOR FILING DATE: 1998-11-18
 PRIOR APPLICATION NUMBER: EP 98 10 3596.7
 PRIOR FILING DATE: 1998-03-02
 PRIOR FILING DATE: 1997-11-18
 NUMBER OF SEQ ID NOS: 53
 SOFTWARE: Patentin version 3.1
 SEQ ID NO: 6 LENGTH: 2257
 TYPE: DNA
 ORGANISM: Mus musculus
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (434)..(1798)
 OTHER INFORMATION:
 US-10-454-224-6

Query Match 84.8%; Score 17.8; DB 17; Length 2257;
 Best Local Similarity 90.5%; Pred. No. 46;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 SEQ ID NO: 20 LENGTH: 2827

Qy 1 ACTATAGGCCAGAGGGCTGC 21
 Db 470 ACTATGGCCAGGGAGGCTGC 490

RESULT 14
 US-10-454-224-11

Sequence 11, Application US/10454224
 Publication No. US20040010814A1
 GENERAL INFORMATION:
 APPLICANT: HERMANN, Bernhard
 APPLICANT: KOSCHORZ, Birgit
 APPLICANT: KISPERT, Andreas
 TITLE OF INVENTION: NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATION
 FILE REFERENCE: 258_0009_0101
 CURRENT APPLICATION NUMBER: US/10/454,224
 CURRENT FILING DATE: 2003-06-04
 PRIOR APPLICATION NUMBER: US/09/554,726A
 PRIOR FILING DATE: 2000-05-18
 PRIOR APPLICATION NUMBER: PCT/EP 98/07395
 PRIOR FILING DATE: 1998-11-18
 PRIOR APPLICATION NUMBER: EP 98 10 3596.7
 PRIOR FILING DATE: 1998-03-02
 PRIOR FILING DATE: 1997-11-18
 NUMBER OF SEQ ID NOS: 53
 SOFTWARE: Patentin version 3.1
 SEQ ID NO: 20 LENGTH: 2827
 TYPE: DNA
 ORGANISM: Mus musculus
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (2002)..(2481)
 OTHER INFORMATION:
 US-10-454-224-20

Query Match 84.8%; Score 17.8; DB 17; Length 2827;
 Best Local Similarity 90.5%; Pred. No. 45;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 SEQ ID NO: 21 LENGTH: 2827

Qy 1 ACTATAGGCCAGAGGGCTGC 21
 Db 560 ACTATGGCCAGGGAGGCTGC 580

Search completed: September 20, 2005, 18:18:08
 Job time : 2360.33 secs